

intuality™

Powered by AnGeStSoft

User Manual

Table of Contents

Introduction.....	5
The Rules.....	5
The Documents	6
The Flows.....	6
The Algorithms	7
The User Interface.....	7
Getting started	10
The Login Window	10
The Main Window	11
User Management	13
Calendar Management.....	16
The Properties	17
Setting the Rules	19
Add/Rename Department.....	20
Add/Update Product.....	21
Add/Update Customer.....	24
Add/Update Supplier.....	26
Add/Update Supplier Evaluation	28
Add/Update Extra Info.....	36
Add/Update Article	41
Add/Update Consumable	46
Add/Update Packing Material.....	51
Add/Update Other Material.....	56
Add/Update Machine	59

Add/Update Machine Spare Part.....	64
Add/Update Tool (Gauge).....	69
Add/Update Sub Module.....	74
Create/Recreate Operation Plan	77
Add/Update Document.....	86
Add/Update Drawing	88
Add/Update Organization	90
Add/Update Person	92
Add/Update E-mail	95
Add/Update Operation	98
Add/Update Workplace.....	100
Add/Update Warehouse	102
Add/Update Test	104
Check-All test type.....	105
Check-One test type	106
Attribute Sampling test type.....	108
Variable Sampling test type	110
Designed Sampling test type.....	112
User Defined test type	114
No Control test type	116
Add/Update Criterion.....	119
Ware Income Inspection.....	122
Add/Update Delivery	122
Add Invoice.....	125
The Ware Income Quality control.....	128
The Initial step.....	129
The Supplier step.....	131
The Quality Control information step	132
The Criteria step	133
The Statistic step	135
The Block step.....	136
The Dispatch step	137
The Rejected Materials (returned Products) management	140
The Initial step.....	141
The Person step	142
Isolator.....	143
Manage Isolator	144
Manage Blocked Materials.....	148
Manage Rejected Materials.....	152
Store.....	155
Book in the Store.....	156

Store	159
Production.....	164
Store	165
Tool Calibration	168
Add/Update Lot.....	170
The Product or Sub module Quality control – lot-by-lot	173
The Initial step.....	174
The Quality Control information step	175
The Criteria step	176
The Statistic step	178
The Block step.....	179
The Extra Info step.....	180
The Employees step	181
Planning.....	182
Add Order.....	182
Create New Plan.....	186
The Initial step.....	187
The Materials step	188
The Machines/Tools step	189
The Employees step	190
Product Outgoing (Sale).....	191
Add/Update Export	191
Add Outgoing Invoice.....	194
Book in the Outgoing Store.....	199
Reports	202
Suppliers Evaluation	202
Material Income Chart	205
Material Income Result	207
Product Control Result.....	209
Isolator Report.....	211
Rejected Materials Report.....	213

Introduction

The **intuality™** system is created to meet the requirements of Quality Management.

The philosophy integrated in the system is – Minimum effort for the user and Maximum effect for Minimal time. In other words – Let **intuality™** works, instead of me.

This philosophy was created after very good analysis of the real live of the products and the people in the factory and their work.

In the real live in the factory we have three major factors:

- **the rules** – are needed to regulate the action
- **the documents** – are result from the Rules and are needed to approve the action
- **the flows** – are result from the Documents and are needed to describe the action

In **intuality™** system all these factors are realized thanks to special **algorithms**.

The **intuality™** system has easier and useful **user interface**.

The Rules

In the beginning – there are the Rules.

The Rules are needed to manage the live of the people. To be everything OK, everyone must carry out about the Rules. The Rules are set in the beginning and after can be changed, depending on the new situation. But the main part of the Rules is not changed.

The philosophy of the **intuality**™ system is to get the Rules in the beginning, to save them and to give possibility to change them in the future.

The Documents

The Documents are result from the Rules. They are unique and cannot be changed. The old documents are cancelled, but not deleted. Everything that is written in the documents is conforming to the Rules.

The philosophy of the **intuality**™ system is to check the Documents entered from the User for the Rules and to save them. The old documents cannot be changed, because they are unique. The old documents can be canceled in **intuality**™ system, but not deleted.

The Flows

The Flows are reaction from the Documents. The flows are giving information, about the materials, products and money. The Flows are giving possibility for tracking and tracing of the materials, products and money. The management of the flows is very difficult and bored for the people.

The philosophy of the **intuality**™ system is to manage automatically the flows and to make the live easier.

The Algorithms

The philosophy for rules, documents and flows are realized in **intuality™** system, thanks to special and very intelligent algorithms, which is working instead of the User.

- the algorithm for auto-track changes of materials and money;
- the database security algorithm;
- the logging algorithm, used for “Fast Remote Support”;
- the multi-language algorithm;
- other small algorithms in all the **intuality™** system.

The User Interface

The philosophy for easier working needs very useful User Interface. In the **intuality™** system is realized “**Intuitive**” User interface, which mean that the look for all the materials and all the documents is similar. The Idea is, when the User sees the window, automatically to know what to do, without using the help. The “**Intuitive**” User interface example (fig.1):

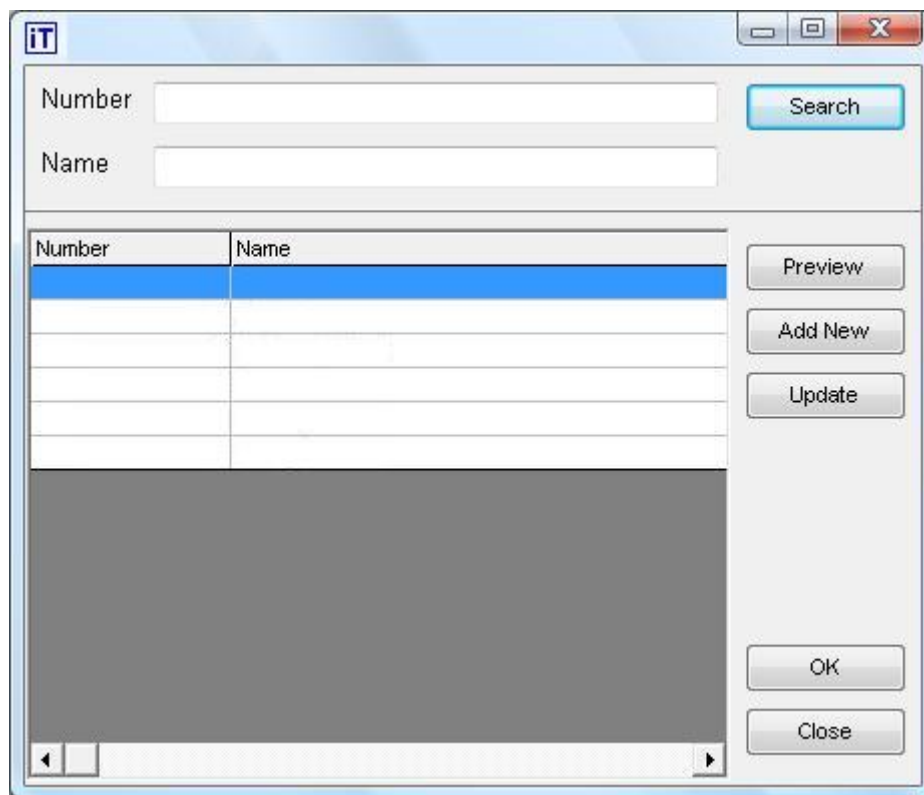


fig. 1 The “Intuitive” User Interface

In the top (blue) band of the window is written for which material or document this screen refers.

A lot of materials and documents are identifiable by number and/or name, for this reason in the top of the window there are two text boxes, which are needed for searching. If the Number text box is empty, the search algorithm doesn't care about the number. For the Name text box is the same - if the Name text box is empty, the search algorithm doesn't care about the name. If the User wants to restrict the search, he/she has to add the criteria for searching. By example, if the user wants to see all the documents with number “1”, the User has to enter “1” in the Number text box. If the User wants to see document with number “1” and with the name “A”, he/she has to enter “1” in the Number text box and “A” in the Name text box. The “%” symbol is special and is using instead of letter or couple of letters. By example if the User wants to see all the documents, which have the name starting by “A” and finishing by “O”. The user has to enter in the Name text box – “A%O”.

The searching is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new document or material.

The “**Update**” button is needed to update old document or material, after the material was selected from the List.

The “**Preview**” (or double click on the list) button is used for preview of the selected document or material.

The “**OK**” button is used to hide the screen with confirmation of the Users choice.

The “**Close**” button is used to hide the screen without confirmation of the Users choice.

Getting started

To start working with the **intuality™** system, the User have to become the User of the **intuality™** system. The Users are very important, because for all the operation with database, the **intuality™** system save the name of the User.

The Login Window

After start the **intuality™** application the User can see the “**Login**” screen:

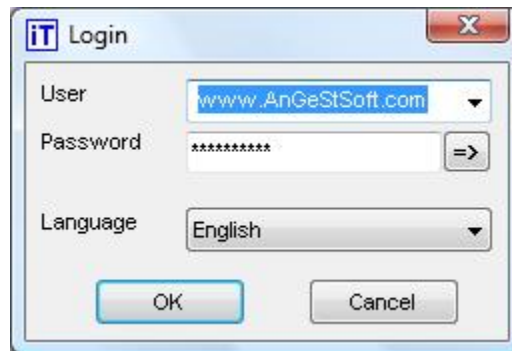


fig. 2 The “Login” screen

In the “**User**” drop-down screen is written all the User names. After choose the “User name”, the User has to enter his password in the “**Password**” text box.

From the “**Language**” drop-down list the User can choose the favorite language.

When everything is entered, the User can click on the “**OK**” button, and the check for the password will be done. If the password is correct the User will see the **intuality™**’s main window.

If the User wants to exit from **intuality™** application, he/she has to click on “**Cancel**” button.

The Main Window

The **intuality™** main window appear if the login process is successful:

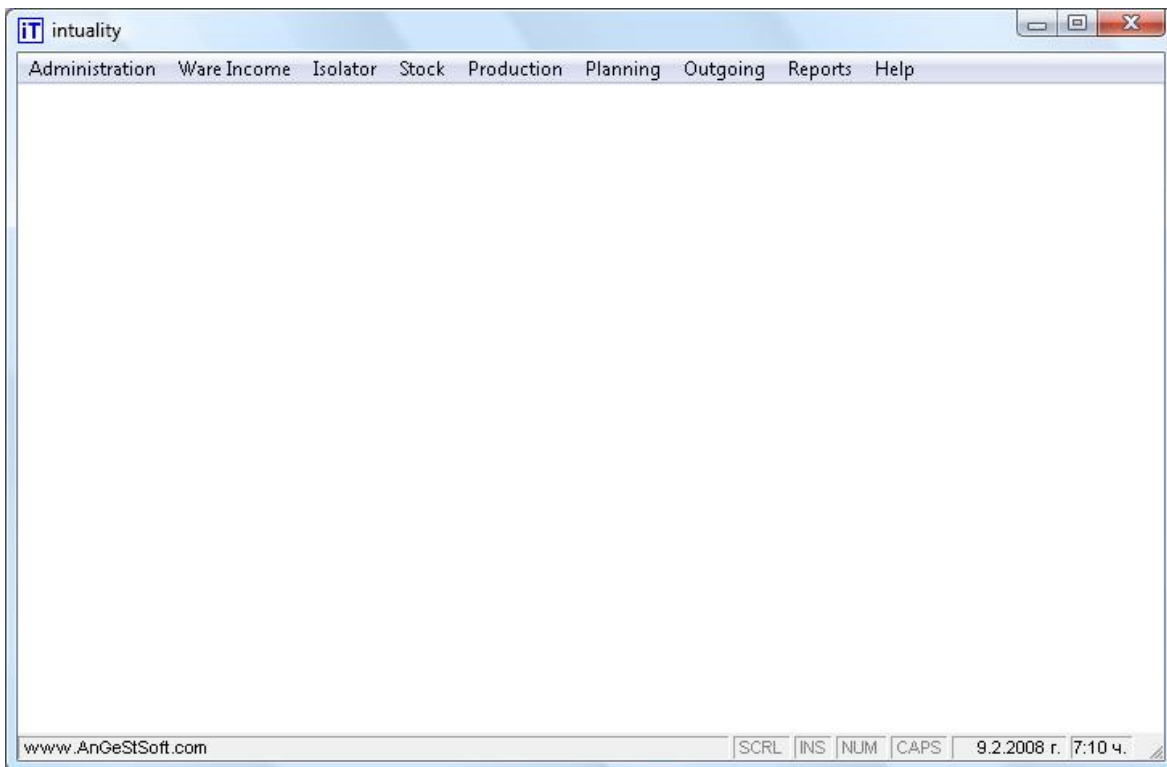


fig. 3 The main window

The main window contains the menu. The menu is designed to reproduce the process of working. In the left part is the “**Administration**” menu, which is used to set the Rules.

The next menu is the **“Ware Income”** menu. The **“Ware Income”** menu is used for Incoming documentation (like an “Income invoice”) and is used for quality control of incoming materials. The **“Ware Income”** menu is used for control of rejected materials, too.

If the Quality control is success the material is ready for stock and can go into the stock by the **“Stock”** menu. If the Quality control gets bad result, the material is ready to go into the **“Isolator”**.

The **“Isolator”** menu is used for control of bad material or material, which is not corresponding to the Rules.

The **“Stock”** menu is used for creating of “Stock Exchange” documents and for managing of the flows, concerning the Stock.

The **“Production”** menu is used for creating of “Stock Exchange” documents and for managing of the flows, concerning the materials in production.

The **“Planning”** menu is used for managing the “Plan” of the Factory.

The **“Outgoing”** menu is used for creating the documents for outgoing (invoice, stock exchange)

The **“Reports”** menu is very important menu. It is used to give the report (result) for all the processes, materials flows, suppliers and so on.

From the **“Help”** menu, the User can get help for **intuality™** system.

In the bottom of main window is the “Status bar”. The “Status bar” gives important information to the user. In the first cell of the Status bar is written the name of the User logged to the system. All the changes into the Database will be stored referencing the logged User for the time and date written in the last two cells of the Status bar.

User Management

The “Users” window is the common “Intuitive” window, which gives information about all the users:

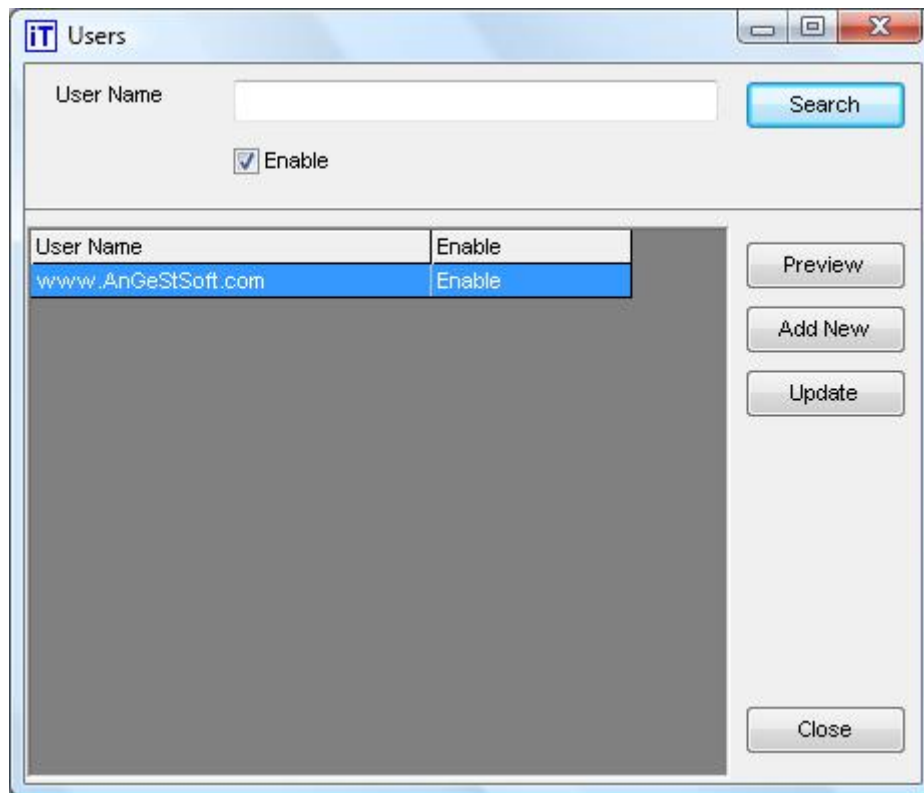


fig. 4 The Users window

The searching by given criteria for User Name and User Enables is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new user.

The “**Update**” button is needed to update the selected in the list user.

The “**Preview**” (or double click on the list) button is used for preview of the selected user.

The “**Close**” button is used to hide the “**Users**” window.

When the **intuality™** system is started for the first time, there are only one user in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**User**” window to add new, update or preview the user and the Rules set for this user:

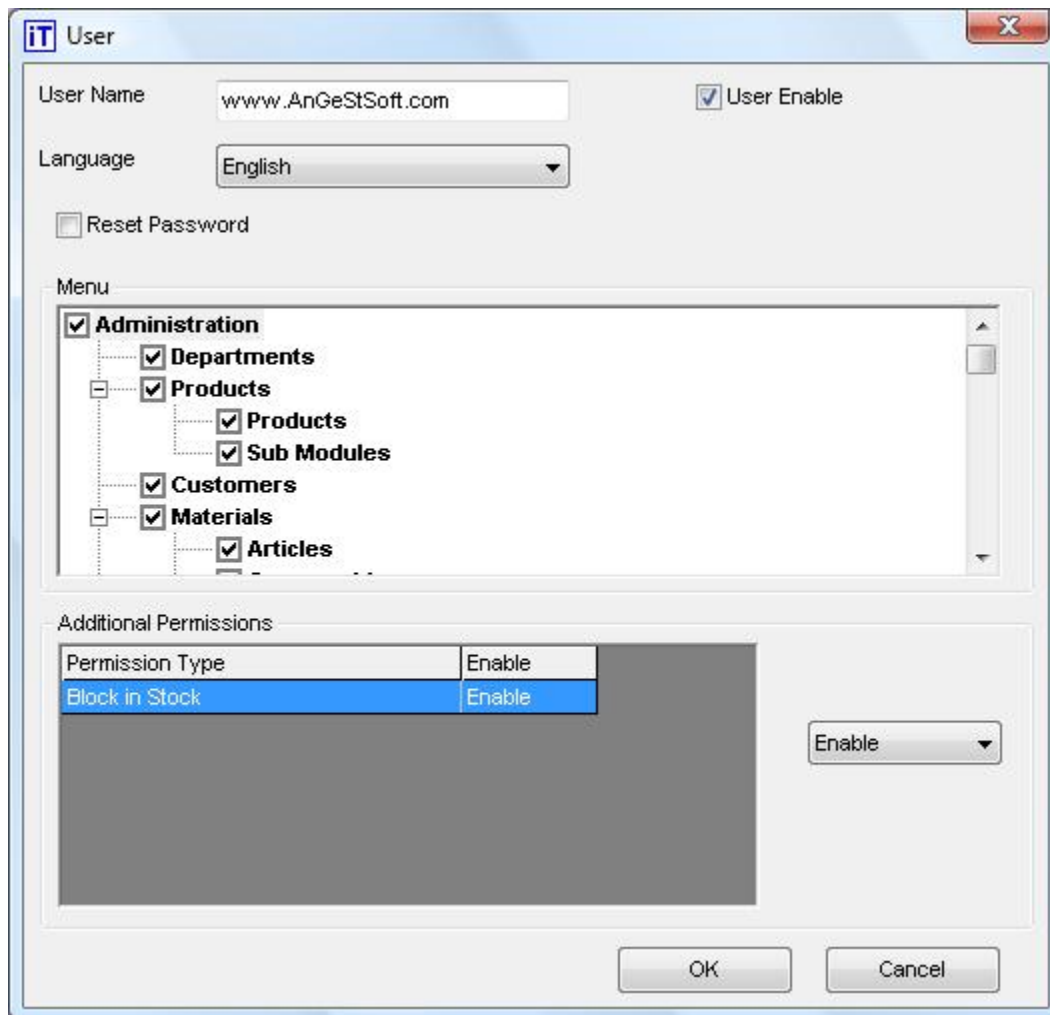


fig. 5 The User window

The “**User Name**” textbox is used for the name of the user.

The **intuality™** system has Multilanguage interface. The language of the current user can be set at “**Language**” drop-down list.

Depending on the value of check box – “**User enable**” the User can work with **intuality™** system or not.

If the User forget password, the password can be reset by “**Reset Password**” check box.

Which menus are available for the current user is depending on the “Menu” section. The User can have additional permissions, depending on the “**Additional Permissions**” section. The additional permissions are depends on the version of the **intuality™** system.

Calendar Management

The User can manage the work hour in the week by “**Calendar**” window. The work hours per day are important for correct planning of employees. The “**Calendar**” window appears when the User double clicks on the date of status bar or in the “**Properties**” window click on the “**Calendar**” button.

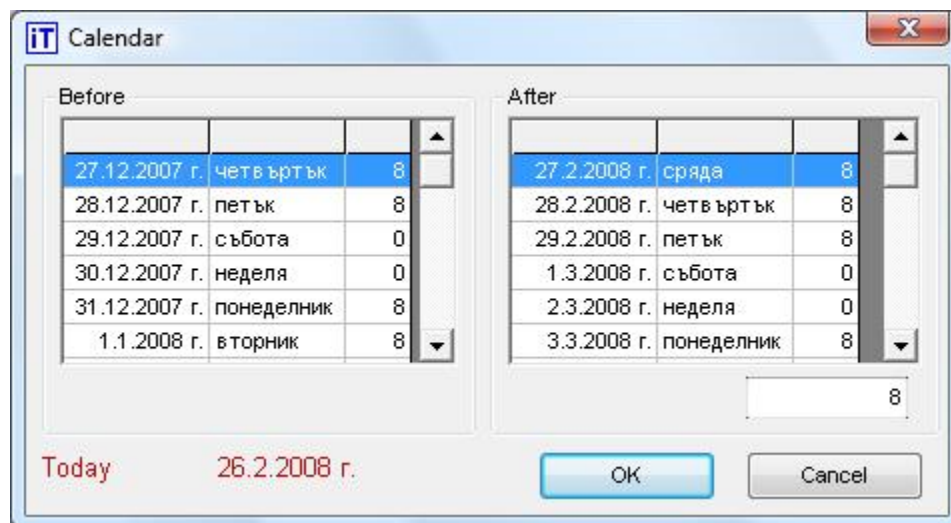


fig. 6 The Calendar window

On the left side the User can see the days before the current date. On the right side the User can see the days after current date.

The User can change the work hours per day only for the dates in the future (the dates in the right side). The hours per day has to be entered in the text box.

The changes are applied when the User click on the “**OK**” button.

The “**Close**” button is used to hide the “**Users**” window.

The Properties

The “**Properties**” window is used to set the common rules for test, e-mails, etc...

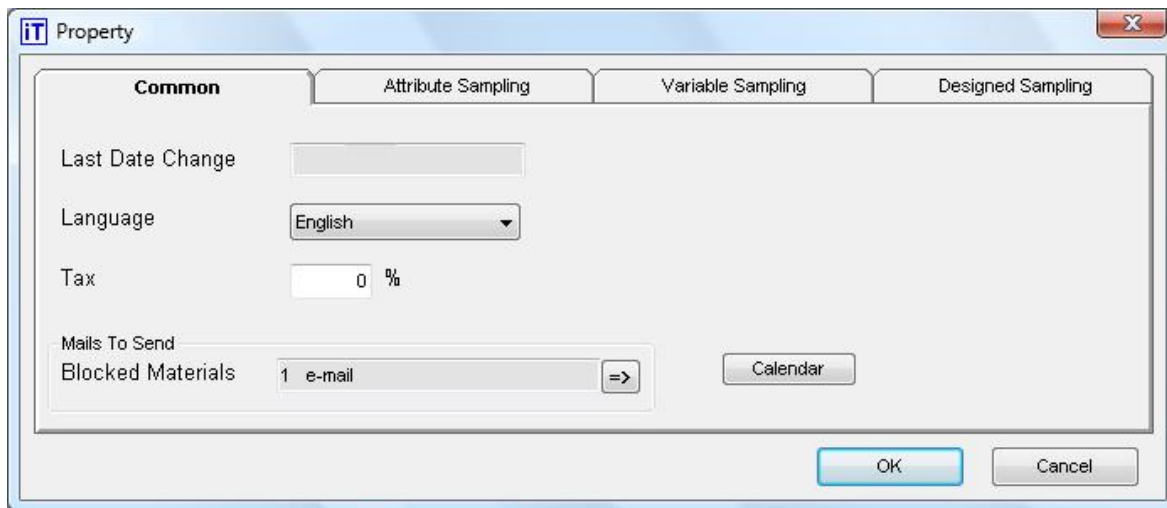


fig. 7 The Properties window

The Properties window is split on 4 tabs.

On the “**Common**” tab user can set the tax for Invoices in the “**Tax**” text box.

The “**Mails To Send**” contains the mail, which have automatically to be sent.

In the “**Last Date Change**” User can see the time and date of the last data base change. This field is used from special security algorithm, which guarantied that the flows saved into the database are correct.

If the User wants to see or to change the work hours, he/she has to click on the “**Calendar**” button and “**Calendar**” window appears.

The “**Attribute Sampling**” tab is used to set the rules for new test of type “**Attribute Sampling**”.

The “**Variable Sampling**” tab is used to set the rules for new test of type “**Variable Sampling**”.

The “**Designed Sampling**” tab is used to set the rules for new test of type “**Designed Sampling**”.

Setting the Rules

In the beginning there are the Rules. The Rules can be set from the “**Administration**” menu:

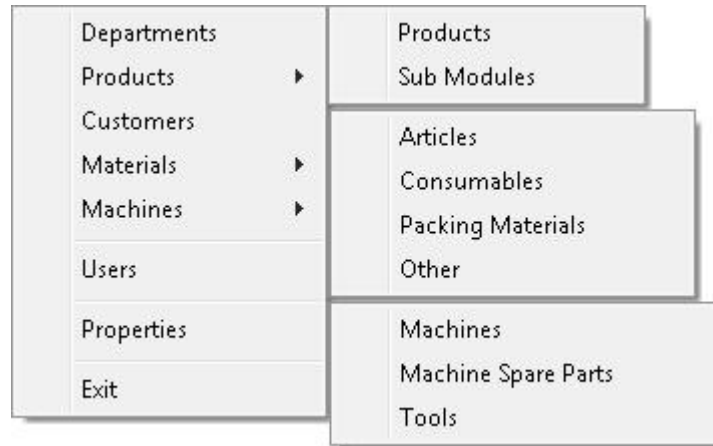


fig. 8 “Administration” menu

In the beginning the rules have to be set in the next order:

- Departments;
- Suppliers;
- Tools;
- Articles;
- Consumables;
- Packing Material;
- Machines;
- Machine Spare Parts;
- Products;
- Properties

Add/Rename Department

The “**Departments**” window gives the information about all the departments and their hierarchy:



fig. 9 The Departments window

The “**Add New**” button is used to create new Department under the selected one.

The “**Rename**” button is used to rename the chosen Department.

The “**Close**” button is used to hide the “**Departments**” window.

Add/Update Product

The “**Products**” window is the common “Intuitive” window, which gives information about all the products:

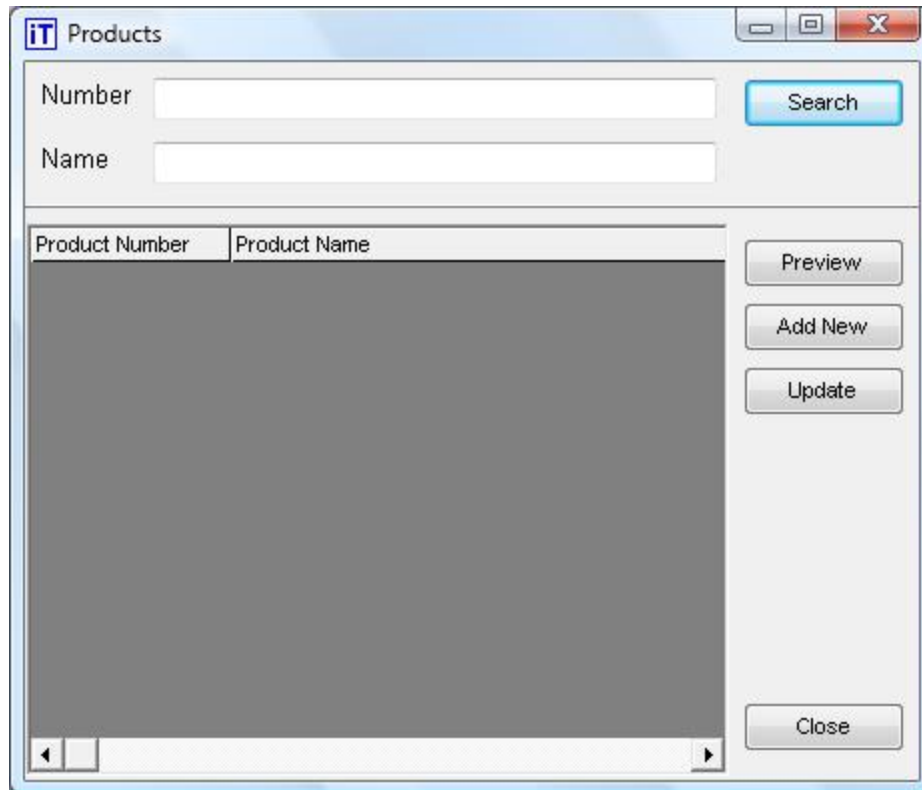


fig. 10 The Products window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new product.

The “**Update**” button is needed to update the selected in the list product.

The “**Preview**” (or double click on the list) button is used for preview of the selected product.

The “**OK**” button is used to confirm the selected product and to give it back to the window, which is calling the “**Products**” window.

The “**Close**” button is used to hide the “**Products**” window.

When the **intuality™** system is started for the first time, there are no products in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Product**” window to add new, update or preview the product and the Rules set for this product:

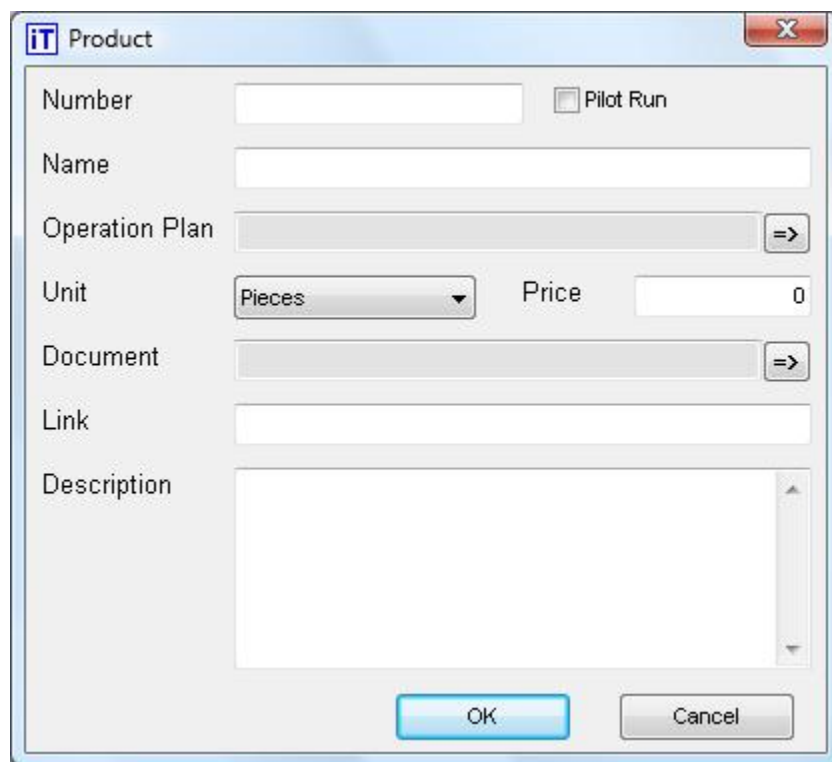


fig. 11 The Product Window

The “**Number**” textbox is used for number of the product. If this is the product for Pilot run (the “**Pilot Run**” is checked) the number field cannot be set.

The “**Name**” textbox is used for the name of the product.

The “**Description**” textbox is used for the description of the product.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the Product. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the product.

The “**Price**” textbox is used for the price of the product.

The “**Unit**” and the “**Price**” field are appearing automatically when the outgoing invoice is created.

The “**Operation Plan**” is used to set an operation plan, corresponding to the current product. The field is disabled. The operation plan can be choosing by the button in the right side of the “**Operation Plan**” field. After click on the button the “Operation Plan” window appear.

The “**Document**” is used for the document, corresponding to the current product. The field is grey, because is disabled. The document can be choosing by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

Add/Update Customer

The “**Customers**” window is the common “Intuitive” window, which gives information about all the customers:

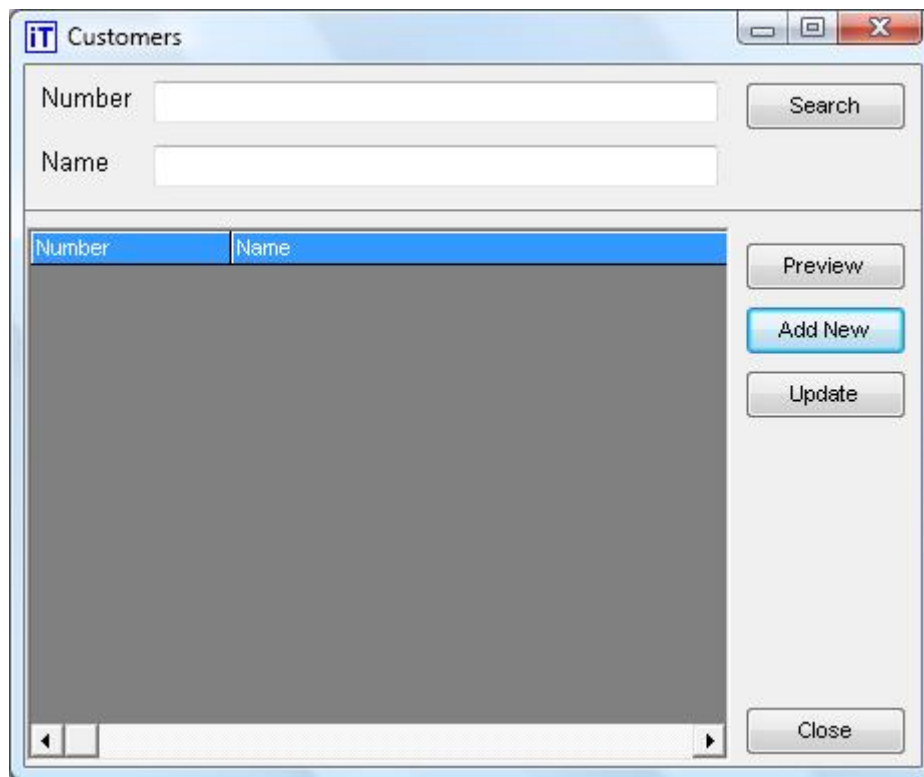


fig. 12 The Customers window

The searching by given criteria for Name, Number or Possible customer is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new customer.

The “**Update**” button is needed to update the selected in the list customer.

The “**Preview**” (or double click on the list) button is used for preview of the selected customer.

The “**OK**” button is used to confirm the selected customer and to give it back to the window, which is calling the “**Customers**” window.

The “**Close**” button is used to hide the “**Customers**” window.

When the **intuality**™ system is started for the first time, there are no customers in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Customer**” window to add new, update or preview the customer and the Rules set for this customer:

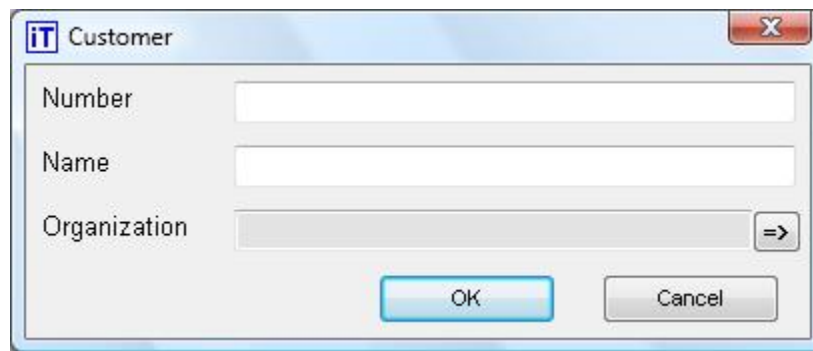


fig. 13 The Customer window

The “**Number**” textbox is used for the number of the customer.

The “**Name**” textbox is used for the name of the customer.

The “**Organization**” is used for the organization, corresponding to the current customer. The field is grey, because is disabled. The organization can be choosing by the button in the right side of the “**Organization**” field. After click on the button the “**Organization**” window appears.

Add/Update Supplier

The “**Suppliers**” window is the common “Intuitive” window, which gives information about all the suppliers:

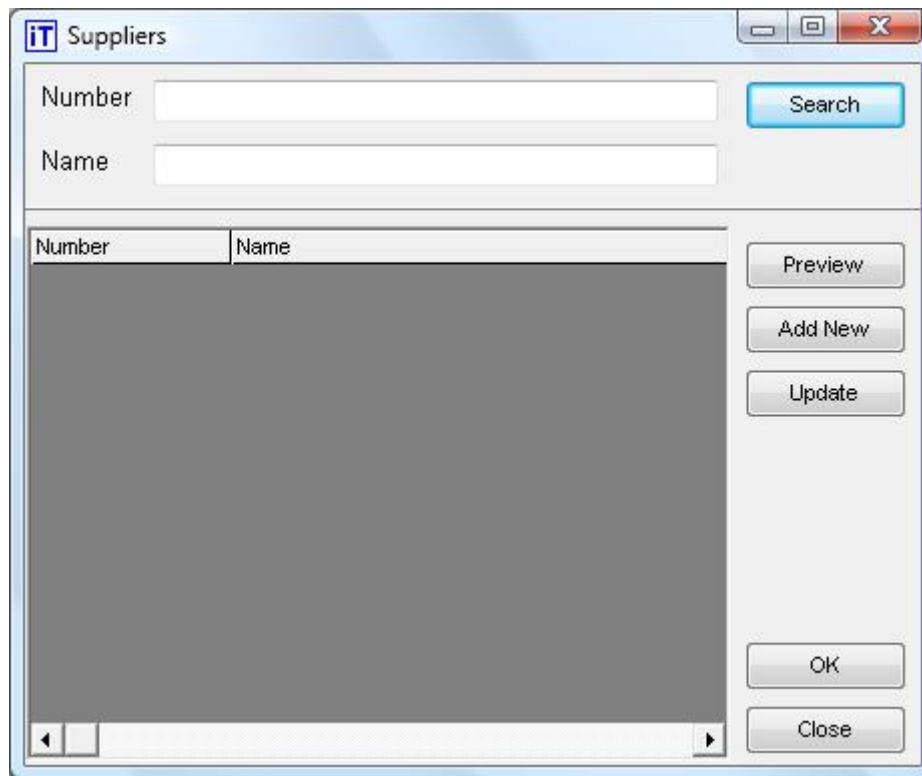


fig. 14 The Suppliers window

The searching by given criteria for Name, Number or Possible supplier is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new supplier.

The “**Update**” button is needed to update the selected in the list supplier.

The “**Preview**” (or double click on the list) button is used for preview of the selected supplier.

The “**OK**” button is used to confirm the selected supplier and to give it back to the window, which is calling the “**Suppliers**” window.

The “**Close**” button is used to hide the “**Suppliers**” window.

If the “**Possible suppliers**” is checked, only the possible suppliers for the current material will be shown.

When the **intuality™** system is started for the first time, there are no suppliers in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Supplier**” window to add new, update or preview the supplier and the Rules set for this supplier:

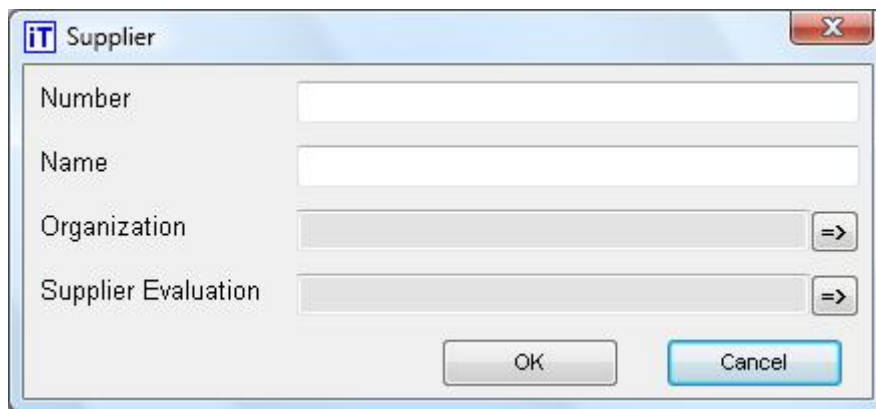


fig. 15 The Supplier window

The “**Number**” textbox is used for the number of the supplier.

The “**Name**” textbox is used for the name of the supplier.

The “**Organization**” is used for the organization, corresponding to the current supplier. The field is grey, because is disabled. The organization can be choosing by the button in the right side of the “**Organization**” field. After click on the button the “**Organization**” window appears.

Add/Update Supplier Evaluation

The “**Supplier Evaluations**” window is the common “Intuitive” window, which gives information about all the supplier evaluations:

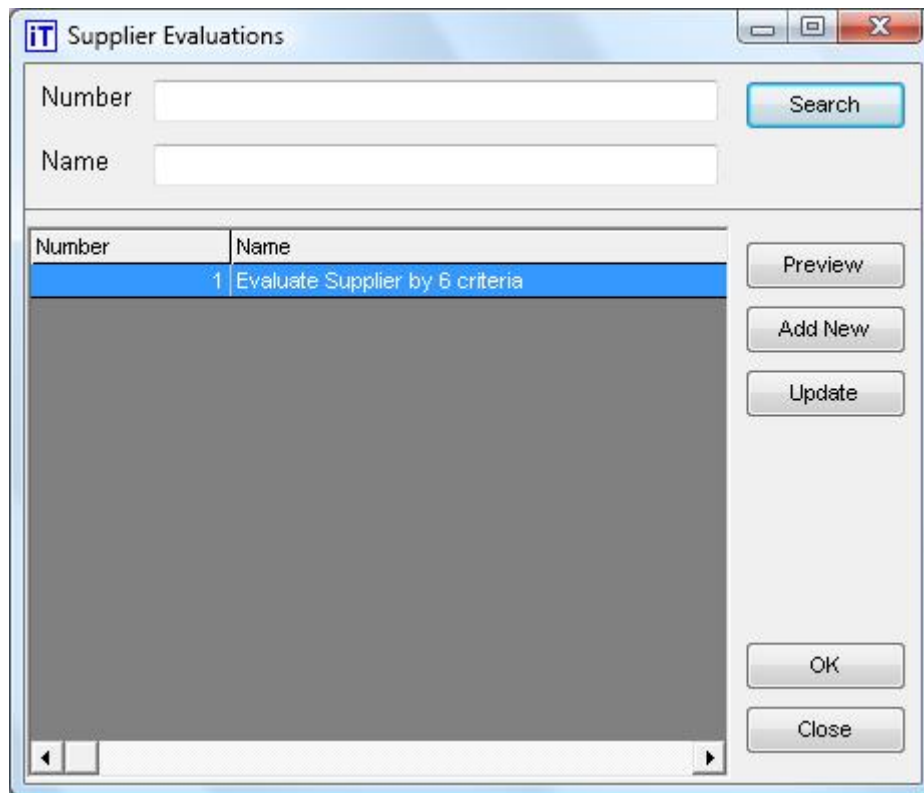


fig. 16 The Supplier Evaluations window

The searching by given criteria for Name, Number or Possible supplier evaluation is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new supplier evaluation.

The “**Update**” button is needed to update the selected in the list supplier evaluation.

The “**Preview**” (or double click on the list) button is used for preview of the selected supplier evaluation.

The “**OK**” button is used to confirm the selected supplier evaluation and to give it back to the window, which is calling the “**Supplier Evaluations**” window.

The “**Close**” button is used to hide the “**Supplier Evaluations**” window.

When the **intuality™** system is started for the first time, there are one supplier evaluations in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Supplier Evaluation**” window to add new, update or preview the supplier evaluation and the Rules set for this supplier evaluation:

Number	Name	Percent
1	Quantity	15
2	Quality	25
3	Delivery Period	20
4	Documents	15
5	Packing	10

fig. 17 The Supplier Evaluation window

The “**Number**” textbox is used for the number of the supplier evaluation.

The “**Name**” textbox is used for the name of the supplier evaluation.

The “**Rate**” is used for the supplier rate, corresponding to the current supplier evaluation. The field is grey, because is disabled. The supplier rate can be choosing by the button in the right side of the “**Rate**” field. After click on the button the “**Supplier Rate**” window appears.

The “**Criteria**” window shows the list with all the criteria for this supplier evaluation. The criteria are described with number, name and percent. The existing criterion can be deleted from the list of criteria by the “**Delete**” button. To delete criterion from the list, the User have to select the criterion from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Criteria**” section is used to set the percent for the current criterion. After the “**Percent**” is added the percent automatically will be set in the third column in the row of the selected criterion. The new criterion can be added thru the click on the “**Add New**” button. And the “**Supplier Criteria**” window appear. The “**Supplier Criteria**” window is the common “**Intuitive**” window, which gives information about all the supplier criteria:

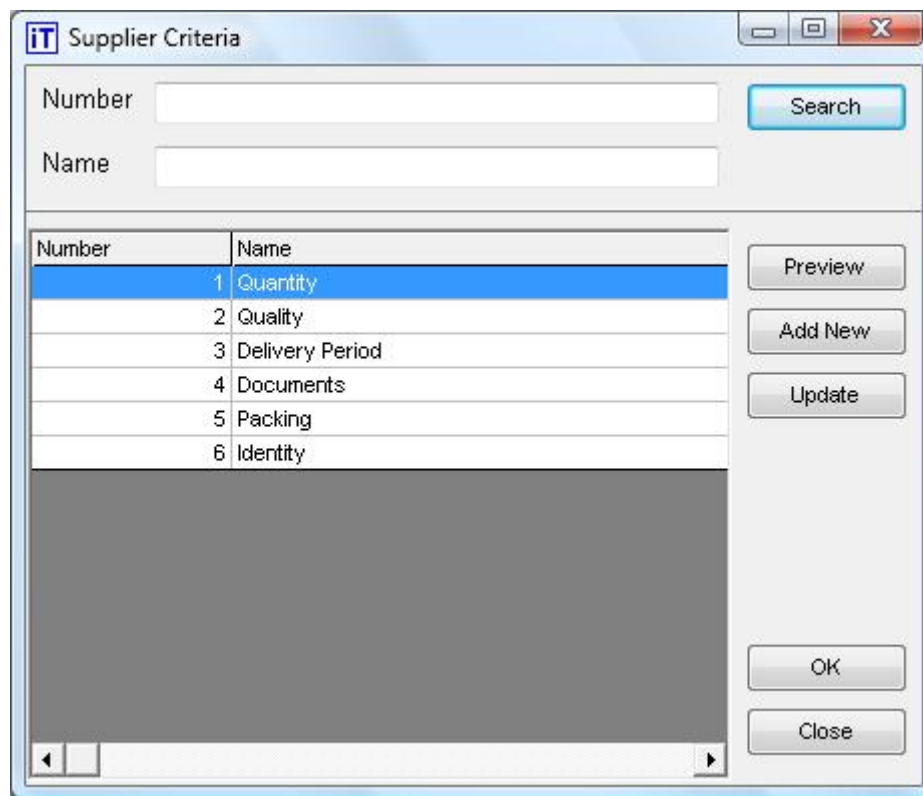


fig. 18 The Supplier Criteria window

The searching by given criteria for Name or Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new supplier criterion.

The “**Update**” button is needed to update the selected in the list supplier criterion.

The “**Preview**” (or double click on the list) button is used for preview of the selected supplier criterion.

The “**OK**” button is used to confirm the selected supplier criteria and to give it back to the window, which is calling the “**Supplier Criteria**” window.

The “**Close**” button is used to hide the “**Supplier Criteria**” window.

When the **intuality™** system is started for the first time, there are six supplier criteria in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Supplier Criterion**” window to add new, update or preview the supplier criterion and the Rules set for this supplier criterion:

Number	Name	Percent	Type	Default
1	Flawless	100	Normal	Default
2	Missing Items Up To 10%	60	Normal	
3	Missing Items More Than 1	0	Normal	

fig. 19 The Supplier Criterion window

The “**Number**” textbox is used for the number of the supplier criterion.

The “**Name**” textbox is used for the name of the supplier criterion.

The “**Values**” window shows the list with possible values for this supplier criterion. The criterion is described with number, name, percent, type and default. The existing criterion value can be deleted from the list of criteria by the “**Delete**” button. To delete criterion value from the list, the

User has to select the criterion value from the list and to click on “**Delete**” button. The “**Default**” button in the bottom right of the “**Values**” section is used to set, which is the default criterion value. The new criterion value can be added thru the click on the “**Add New**” button. And the “**Supplier Criterion Value**” window appear.

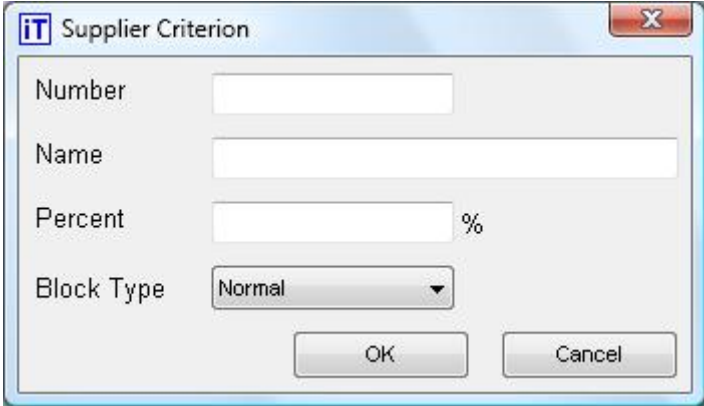


fig. 20 The Supplier Criterion window

The “**Number**” textbox is used for the number of the supplier criterion value.

The “**Name**” textbox is used for the name of the supplier criterion value.

The “**Percent**” textbox is used for the percent of the supplier criterion value.

The “**Block Type**” textbox is used for the block type of the supplier criterion value. The “**Block Type**” is used in the Quality control. If the block type is set to “**Block**” the material will going into the Isolator with Red light (is not possible to repair the article). If the block type is set to “**Stop**” the material will going into the Isolator with Yellow light (is possible to repair the article).

When in “**Supplier Evaluation**” window, the user click on the “**Rate**” button, the “**Supplier Rate**” window appear. The “**Supplier Rate**” window is the common “**Intuitive**” window, which gives information about all the supplier rate:

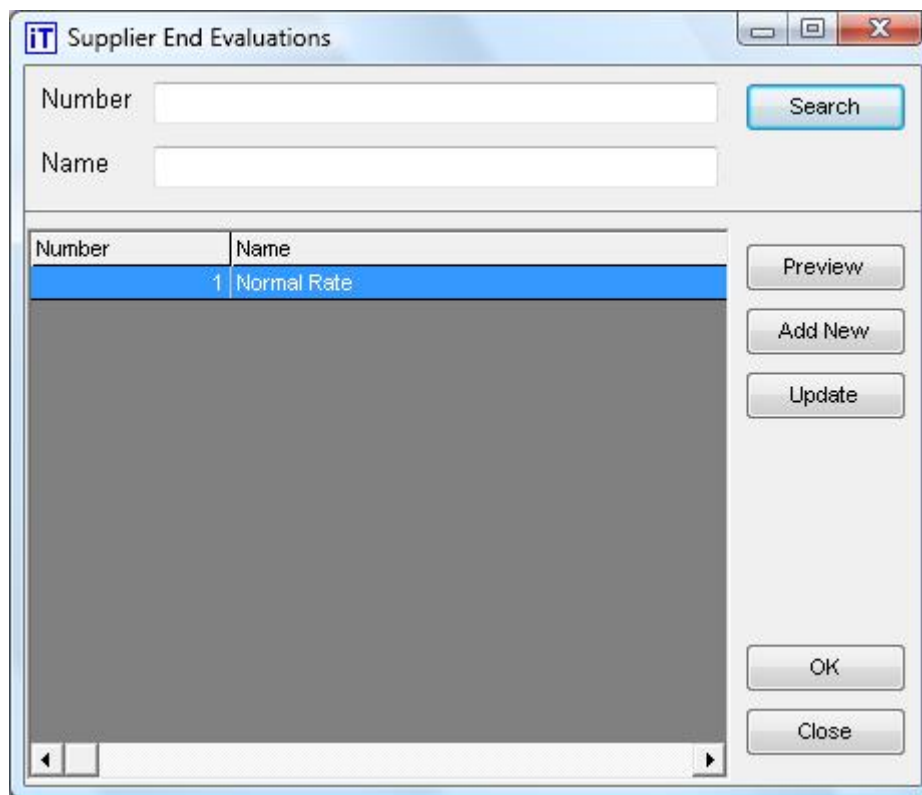


fig. 21 The Supplier Rates window

The searching by given supplier rate for Name or Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new supplier rate.

The “**Update**” button is needed to update the selected in the list supplier rate.

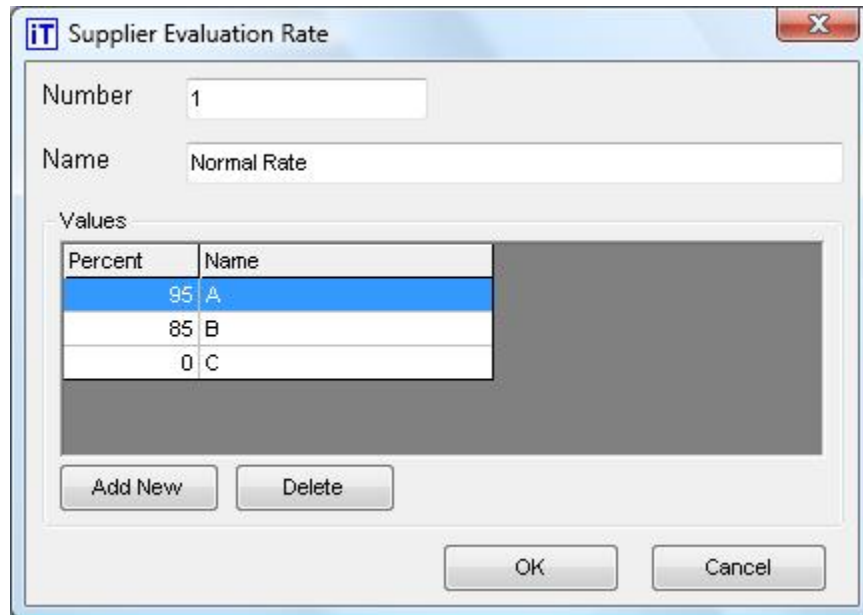
The “**Preview**” (or double click on the list) button is used for preview of the selected supplier rate.

The “**OK**” button is used to confirm the selected supplier rate and to give it back to the window, which is calling the “**Supplier Rates**” window.

The “**Close**” button is used to hide the “**Supplier Rates**” window.

When the **intuality™** system is started for the first time, there are one supplier rate in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Supplier Evaluation Rate**” window to add new, update or preview the supplier evaluation rate and the Rules set for this supplier evaluation rate:



Percent	Name
95	A
85	B
0	C

fig. 22 The Supplier Evaluation Rate window

The “**Number**” textbox is used for the number of the supplier evaluation rate.

The “**Name**” textbox is used for the name of the supplier evaluation rate.

The “**Values**” window shows the list with possible values for this supplier evaluation rate. The rate is described with percent and name. The existing rate value can be deleted from the list of rates by the “**Delete**” button. To delete rate value from the list, the User has to select the rate value from the list and to click on “**Delete**” button. The new rate value can be added thru the click on the “**Add New**” button. And the “**Supplier Rate**” window appear.



fig. 23 The Supplier Rate window

The “**P**ercent” textbox is used for the percent of the supplier rate.

The “**N**ame” textbox is used for the name of the supplier rate.

Add/Update Extra Info

Extra Info is used, when an additional info is required. Extra Info could be composite from 3 types of condition – condition, value or text.

The “**Extra Infos**” window is the common “Intuitive” window, which gives information about all the extra info:

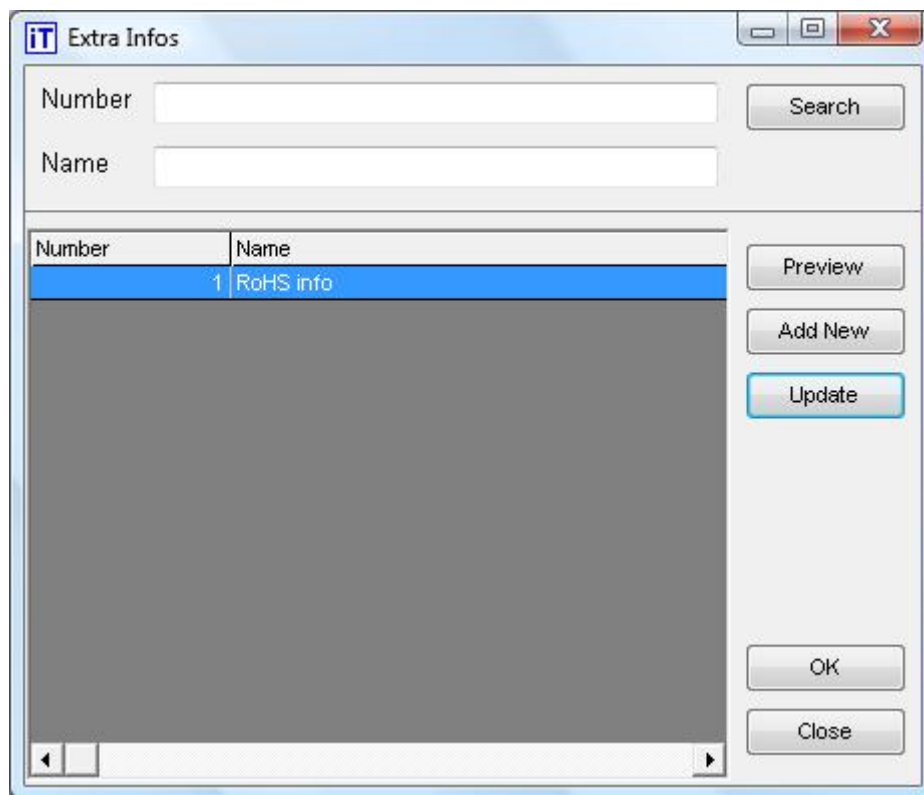


fig. 24 The Extra Infos window

The searching by given criteria for Name, Number or Possible extra info is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new extra info.

The “**Update**” button is needed to update the selected in the list extra info.

The “**Preview**” (or double click on the list) button is used for preview of the selected extra info.

The “**OK**” button is used to confirm the selected extra info and to give it back to the window, which is calling the “**Extra Infos**” window.

The “**Close**” button is used to hide the “**Extra Infos**” window.

When the **intuality™** system is started for the first time, there are one extra info in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Extra Info**” window to add new, update or preview the extra info and the Rules set for this extra info:

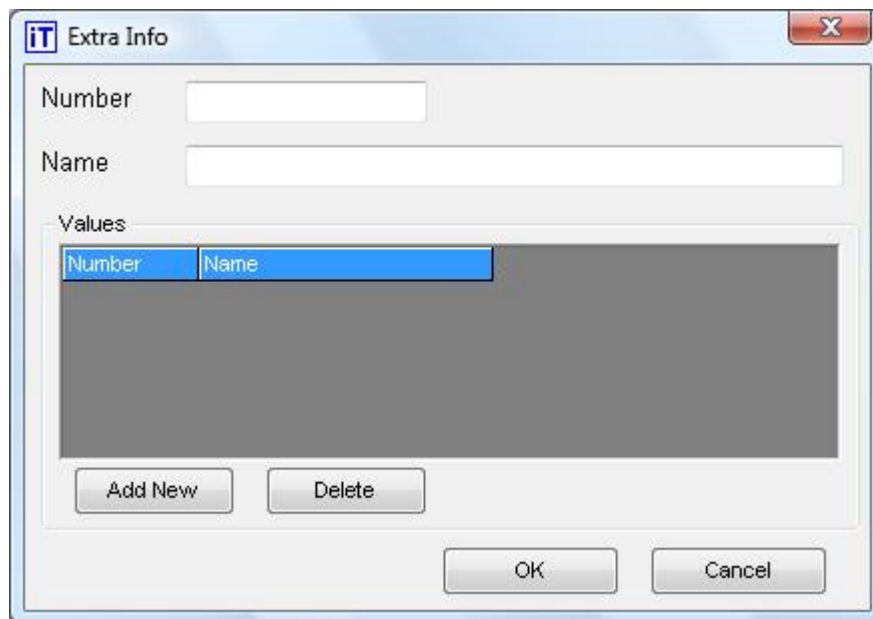


fig. 25 The Extra Info window

The “**Number**” textbox is used for the number of the supplier evaluation.

The “**Name**” textbox is used for the name of the supplier evaluation.

- “**Conditions**” type – The “**Conditions**” window shows the list with all the conditions for this extra info. The conditions are described with number and name. The existing condition can be deleted from the list of conditions by the “**Delete**” button. To delete criterion from the list, the User have to select the condition from the list and to click on “**Delete**” button. The new condition can be added thru the click on the “**Add New**”

button. And the “**Conditions**” window appear. The “**Conditions**” window is the common “Intuitive” window, which gives information about all the conditions:

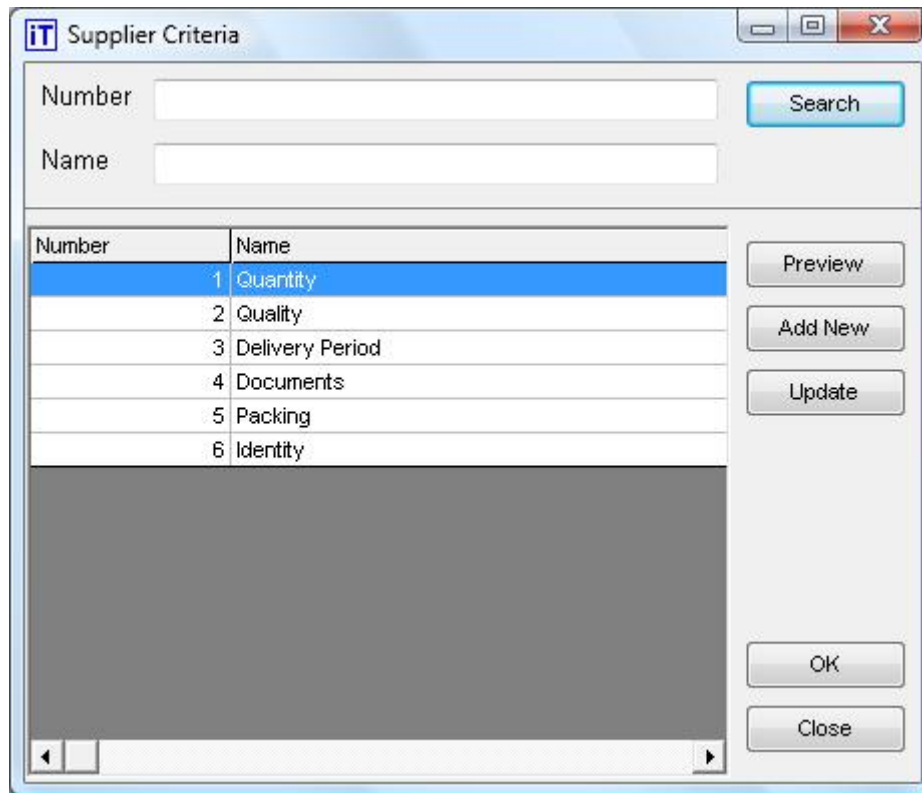


fig. 26 The Conditions window

The searching by given criteria for Name or Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new condition.

The “**Update**” button is needed to update the selected in the list condition.

The “**Preview**” (or double click on the list) button is used for preview of the selected condition.

The “**OK**” button is used to confirm the selected condition and to give it back to the window, which is calling the “**Condition**” window.

The “**Close**” button is used to hide the “**Condition**” window.

When the **intuality™** system is started for the first time, there are one condition in the database.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Condition**” window to add new, update or preview the condition and the Rules set for this condition:

Number	Name	Percent	Type	Default
1	Flawless	100	Normal	Default
2	Missing Items Up To 10%	60	Normal	
3	Missing Items More Than 1	0	Normal	

fig. 27 The Condition window

The “**Number**” textbox is used for the number of the supplier criterion.

The “**Name**” textbox is used for the name of the supplier criterion.

There are 3 types of condition – condition, value and text

The “**Condition**” section shows the list with possible values for this sub conditions. The sub condition is described with number, name, percent and default. The existing sub condition value can be deleted from the list of sub conditions by the “**Delete**” button. To delete sub condition from the list, the User has to select the sub condition from the list and to click on “**Delete**” button. The “**Default**” button in the bottom right of the “**Condition**” section is used to set, which is the default sub condition. The new sub condition can be added thru the click on the “**Add New**” button. And the “**Sub Condition**” window appear.

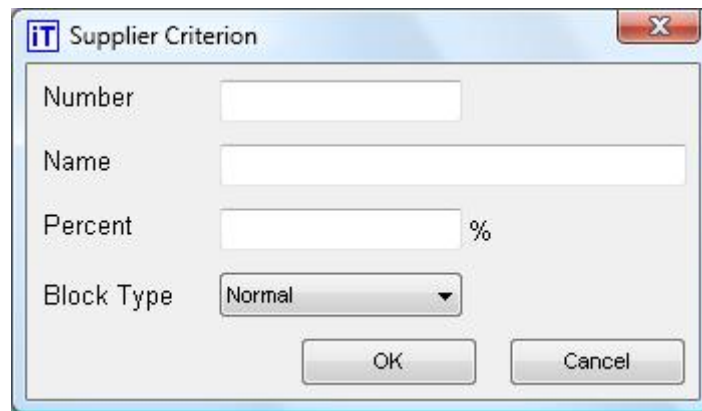


fig. 28 The Sub Condition window

The “**Number**” textbox is used for the number of the sub condition.

The “**Name**” textbox is used for the name of the sub condition.

The “**Percent**” textbox is used for the percent of the sub condition.

- “**Value**” type – it is used when condition has to be numerical value in range. The range of warrantable values, the User can set in “**From**”, “**To**” fields, where the “**From**” value is the minimal and the “**To**” value is maximal. The “**Default**” value field is used to set the default or “expected” value of current condition.
- “**Text**” type – it is used when condition is free text.

Add/Update Article

The “**Articles**” window is the common “Intuitive” window, which gives information about all the articles:

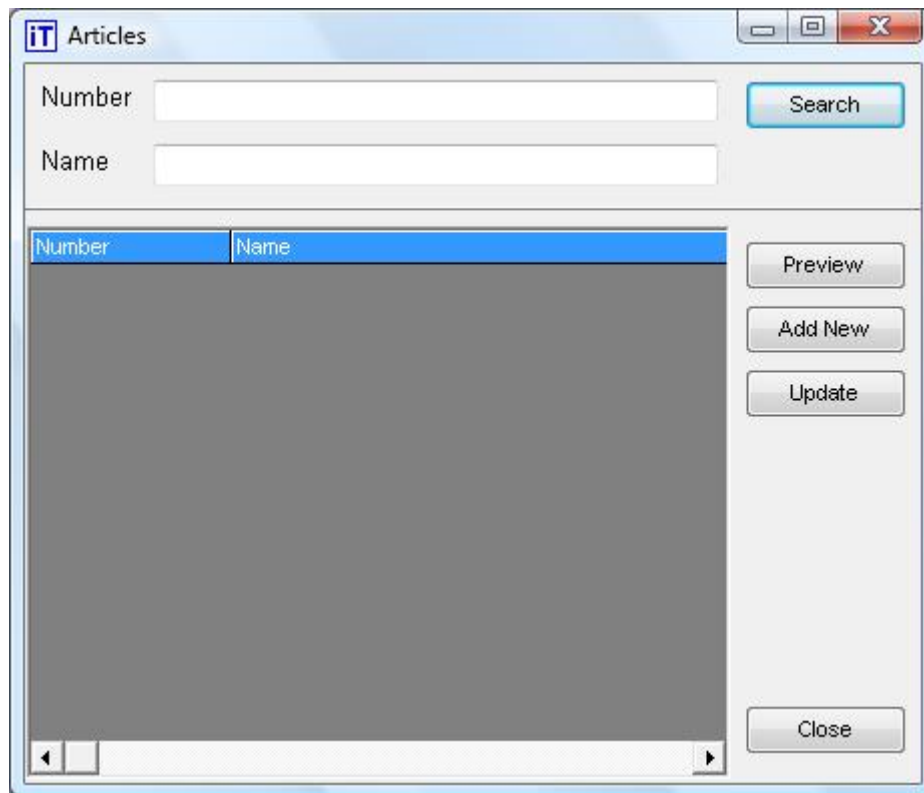


fig. 29 The Articles window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new article.

The “**Update**” button is needed to update the selected in the list article.

The “**Preview**” (or double click on the list) button is used for preview of the selected article.

The “**OK**” button is used to confirm the selected article and to give it back to the window, which is calling the “**Articles**” window.

The “**Close**” button is used to hide the “**Articles**” window.

When the **intuality**™ system is started for the first time, there are no articles in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Article**” window to add new, update or preview the article and the Rules set for this article:

Article

Number ☐ Pilot Run

Name ☐ All Quantity

Unit ☐ Exact Quantity

Price ☐ Set Expiry Date

Document =>

Extra Info =>

Link

Suppliers

Number	Name	Code	Fixed	Test
--------	------	------	-------	------

☐ Fixed

Test

Number	Name
--------	------

fig. 30 The Article window

The “**Number**” textbox is used for the number of the article. If this is the article for Pilot run (the “**Pilot Run**” is checked) the number field cannot be set.

The “**Name**” textbox is used for the name of the article.

The “**Description**” textbox is used for the description of the article.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the article. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the article.

The “**Price**” textbox is used for the price of the article.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current article. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current article, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this article is fixed. If in the Quality system the current article have different supplier – the Quality control is not success and the article will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Exact Quantity**” is used for the Product tracking. If the “**Exact Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the production.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this article. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from the list, the User have to select the supplier from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Suppliers**” section is used to set the code for the current supplier for the current article. After the “**Code**” is added the code automatically will be set in the third column in the row of the selected supplier. The “**Code**” is used in the Quality control – if in the Quality control the “**Code**” is wrong, the article has to go into the Isolator

The “**Test**” window shows the list with all the tests for this article. The tests are described with number and name. The new test can be added thru the click on the “**Add New**” button in the “**Test**” section. The existing criteria can be deleted from the list of tests by the “**Delete**” button. To delete test from the list, the User have to select the test from the list and to click on “**Delete**” button. The two buttons “**Up**” and “**Down**” set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

Add/Update Consumable

The “**Consumables**” window is the common “Intuitive” window, which gives information about all the consumables:

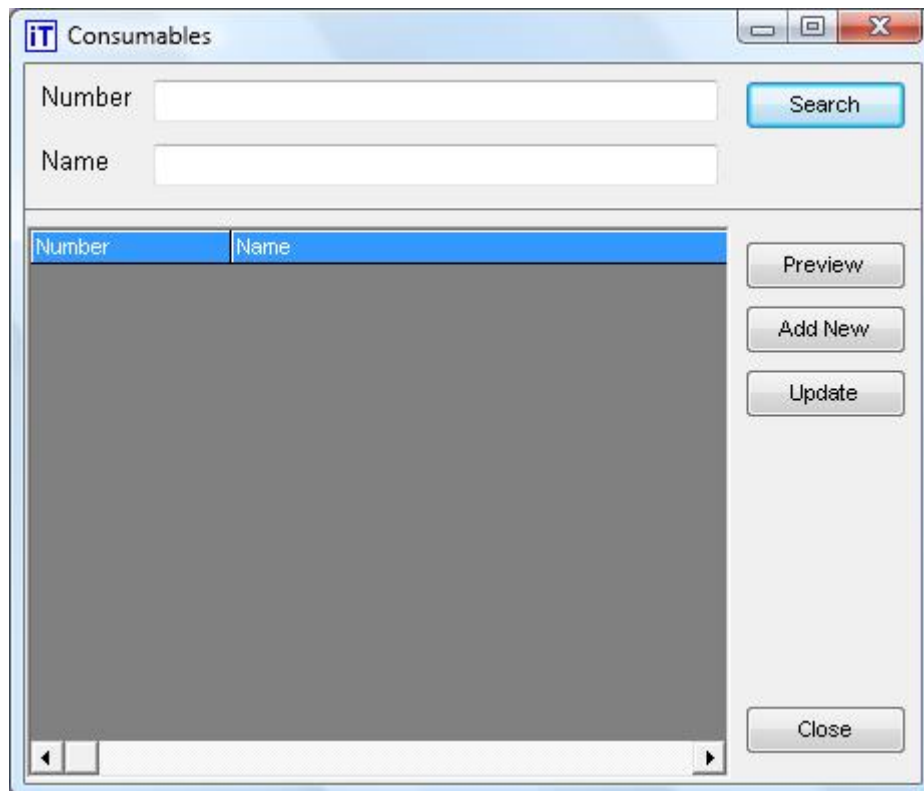


fig. 31 The Consumables window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new consumable.

The “**Update**” button is needed to update the selected in the list consumable.

The “**Preview**” (or double click on the list) button is used for preview of the selected consumable.

The “**OK**” button is used to confirm the selected consumable and to give it back to the window, which is calling the “**Consumables**” window.

The “**Close**” button is used to hide the “**Consumables**” window.

When the **intuality**™ system is started for the first time, there are no consumables in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Consumable**” window to add new, update or preview the consumable and the Rules set for this consumable:

Consumable

Number

Name

Description

Price

Units

☐ All Quantity

☐ Exact Quantity

☐ Set Expiry Date

Document =>

Link

Extra Info =>

Suppliers

Number	Name	Code	Fixed	Test
--------	------	------	-------	------

☐ Fixed

Test

Number	Name
--------	------

fig. 32 The Consumable window

The “**Number**” textbox is used for the number of the consumable.

The “**Name**” textbox is used for the name of the consumable.

The “**Description**” textbox is used for the description of the consumable.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the consumable. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the consumable.

The “**Price**” textbox is used for the price of the consumable.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current consumable. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current consumable, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this consumable is fixed. If in the Quality system the current consumable have different supplier – the Quality control is not success and the consumable will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Exact Quantity**” is used for the Product tracking. If the “**Exact Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the production.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this consumable. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from the list, the User have to select the supplier from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Suppliers**” section is used to set the code for the current supplier for the current consumable. After the “**Code**” is added the code automatically will be set in the third

column in the row of the selected supplier. The “**Code**” is used in the Quality control – if in the Quality control the “**Code**” is wrong, the consumable has to go into the Isolator

The “**Test**” window shows the list with all the tests for this article. The tests are described with number and name. The new test can be added thru the click on the “**Add New**” button in the “**Test**” section. The existing criteria can be deleted from the list of tests by the “**Delete**” button. To delete test from the list, the User have to select the test from the list and to click on “**Delete**” button. The two buttons “**Up**” and “**Down**” set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

Add/Update Packing Material

The “**Packing Materials**” window is the common “Intuitive” window, which gives information about all the packing materials:

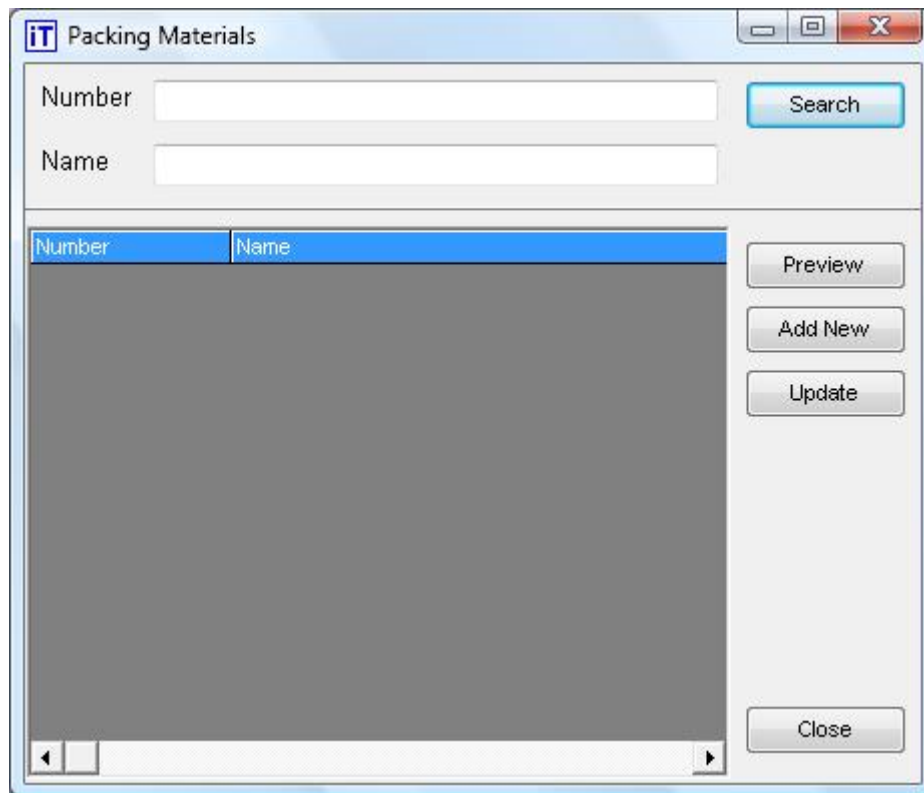


fig. 33 The Packing Materials window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new packing material.

The “**Update**” button is needed to update the selected in the list packing material.

The “**Preview**” (or double click on the list) button is used for preview of the selected packing material.

The “**OK**” button is used to confirm the selected packing material and to give it back to the window, which is calling the “**Packing Materials**” window.

The “**Close**” button is used to hide the “**Packing Materials**” window.

When the **intuality™** system is started for the first time, there are no packing materials in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Packing Material**” window to add new, update or preview the packing material and the Rules set for this packing material:

Packing Material

Number ☐ All Quantity ☐ Set Expiry Date

Name Units **Pieces**

Description Price 0

☐ Exact Quantity

Extra Info => Height

Document => Length

Link Width

Suppliers

Number	Name	Code	Fixed	Test
--------	------	------	-------	------

☐ Fixed

Test

Number	Name
--------	------

fig. 34 The Packing Material window

The “**Number**” textbox is used for the number of the packing material.

The “**Name**” textbox is used for the name of the packing material.

The “**Description**” textbox is used for the description of the packing material.

The “**Height**”, “**Length**” and “**Width**” textboxes are used for the height, length and width of the packing material.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the packing material. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the packing material.

The “**Price**” textbox is used for the price of the packing material.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current packing material. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current packing material, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this packing material is fixed. If in the Quality system the current packing material have different supplier – the Quality control is not success and the packing material will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Exact Quantity**” is used for the Product tracking. If the “**Exact Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the production.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this packing material. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from

the list, the User have to select the supplier from the list and to click on **“Delete”** button. The text box in the bottom right of the **“Suppliers”** section is used to set the code for the current supplier for the current packing material. After the **“Code”** is added the code automatically will be set in the third column in the row of the selected supplier. The **“Code”** is used in the Quality control – if in the Quality control the **“Code”** is wrong, the packing material has to go into the Isolator

The **“Test”** window shows the list with all the tests for this packing material. The tests are described with number and name. The new test can be added thru the click on the **“Add New”** button in the **“Test”** section. The existing criteria can be deleted from the list of tests by the **“Delete”** button. To delete test from the list, the User have to select the test from the list and to click on **“Delete”** button. The two buttons **“Up”** and **“Down”** set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

Add/Update Other Material

There are materials, which do not need Quality Controls – other materials.

The “**Other materials**” window is the common “Intuitive” window, which gives information about all the other materials:

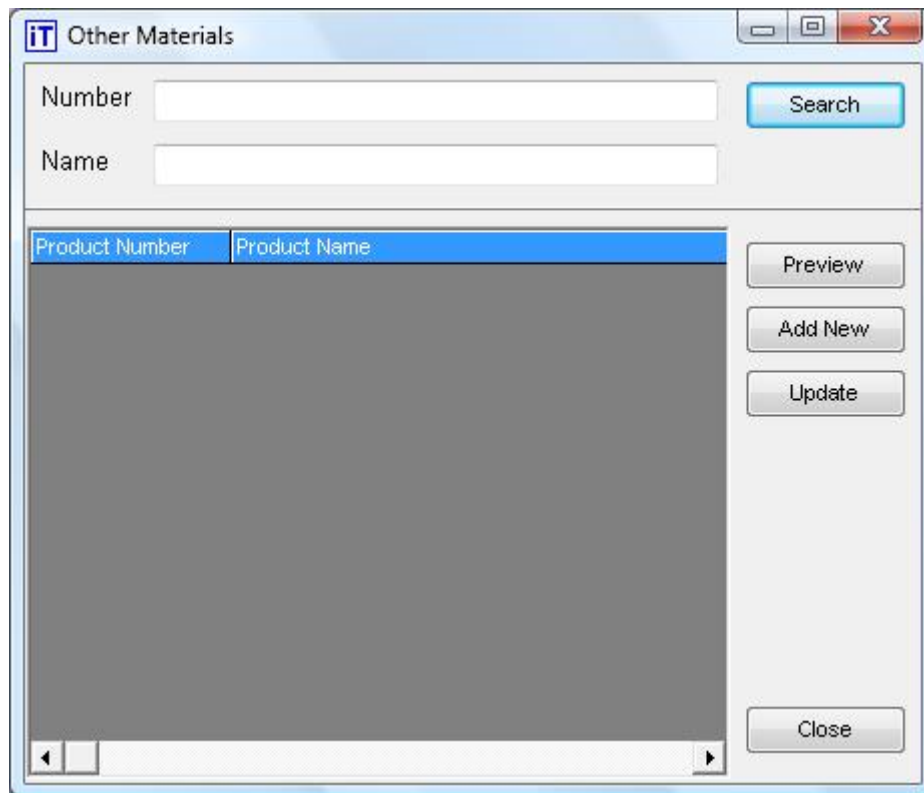


fig. 35 The Other materials window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new other material.

The “**Update**” button is needed to update the selected in the list other material.

The “**Preview**” (or double click on the list) button is used for preview of the selected other material.

The “**OK**” button is used to confirm the selected other material and to give it back to the window, which is calling the “**Other materials**” window.

The “**Close**” button is used to hide the “**Other materials**” window.

When the **intuality™** system is started for the first time, there are no other materials in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Other material**” window to add new, update or preview the other material and the Rules set for this other material:

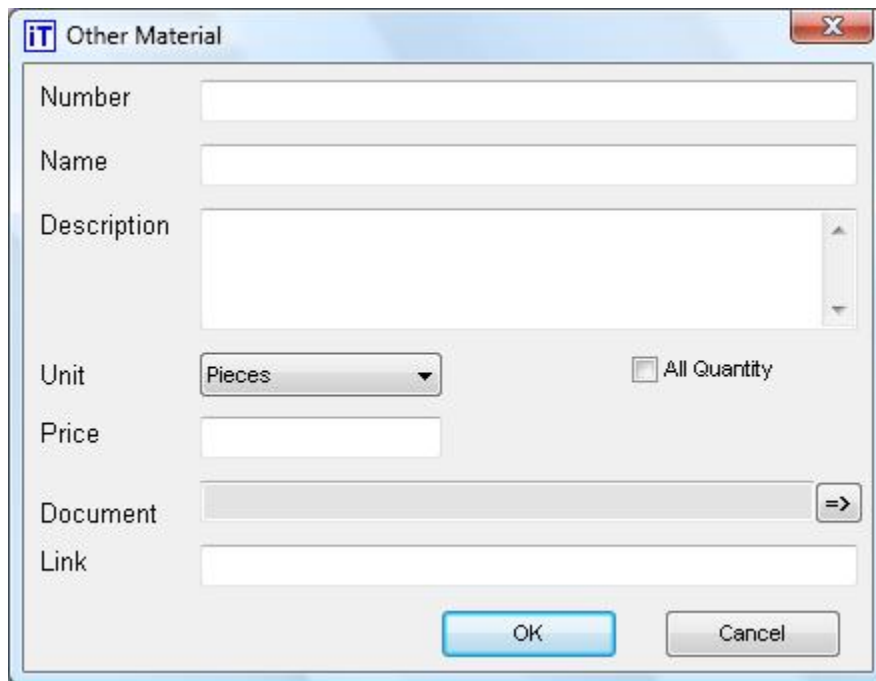


fig. 36 The Other material window

The “**Number**” textbox is used for the number of the other material. If this is the other material for Pilot run (the “**Pilot Run**” is checked) the number field cannot be set.

The “**Name**” textbox is used for the name of the other material.

The “**Description**” textbox is used for the description of the other material.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the other material. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the other material.

The “**Price**” textbox is used for the price of the other material.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current other material. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

Add/Update Machine

The “**Machines**” window is the common “Intuitive” window, which gives information about all the machines:

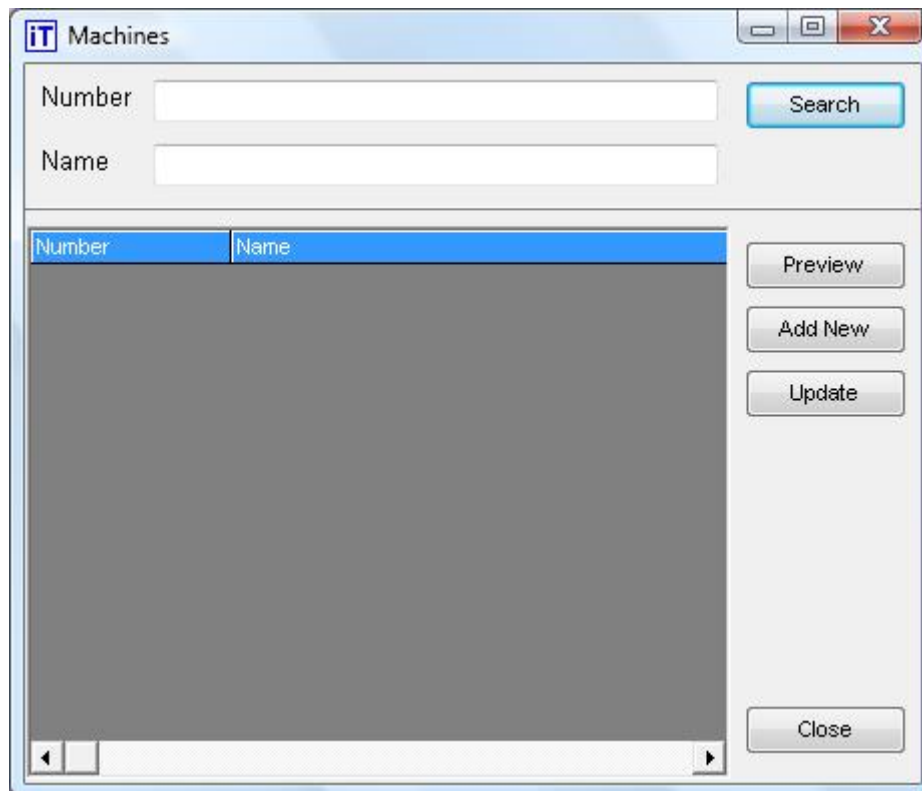


fig. 37 The Machines window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new machine.

The “**Update**” button is needed to update the selected in the list machine.

The “**Preview**” (or double click on the list) button is used for preview of the selected machine.

The “**OK**” button is used to confirm the selected machine and to give it back to the window, which is calling the “**Machines**” window.

The “**Close**” button is used to hide the “**Machines**” window.

When the **intuality**™ system is started for the first time, there are no machines in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Machine**” window to add new, update or preview the machine and the Rules set for this machine:

The screenshot shows a software window titled "Machine". It contains the following elements:

- Input Fields:** Number, Name, Description, Document, Link, Extra Info.
- Units:** A dropdown menu currently set to "Pieces".
- Price:** A text box containing the value "0".
- Checkboxes:** "All Quantity" and "Set Expiry Date".
- Suppliers Table:** A table with columns: Number, Name, Code, Fixed, Test. Below the table are "Add New" and "Delete" buttons, a "Fixed" checkbox, and a "Lock" dropdown.
- Test Table:** A table with columns: Number, Name. Below the table are "Add new" and "Delete" buttons.
- Buttons:** "OK" and "Cancel" buttons at the bottom right.

fig. 38 The Machine window

The “**Number**” textbox is used for the number of the machine.

The “**Name**” textbox is used for the name of the machine.

The “**Description**” textbox is used for the description of the machine.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the machine. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the machine.

The “**Price**” textbox is used for the price of the machine.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current machine. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current machine, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this machine is fixed. If in the Quality system the current machine have different supplier – the Quality control is not success and the machine will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this machine. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from the list, the User have to select the supplier from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Suppliers**” section is used to set the code for the current supplier for the current machine. After the “**Code**” is added the code automatically will be set in the third column in the row of the selected supplier. The “**Code**” is used in the Quality control – if in the Quality control the “**Code**” is wrong, the machine has to go into the Isolator

The “**Test**” window shows the list with all the tests for this machine. The tests are described with number and name. The new test can be added thru the click on the “**Add New**” button in the

“Test” section. The existing criteria can be deleted from the list of tests by the **“Delete”** button. To delete test from the list, the User have to select the test from the list and to click on **“Delete”** button. The two buttons **“Up”** and **“Down”** set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

Add/Update Machine Spare Part

The “**Machine Spare Parts**” window is the common “Intuitive” window, which gives information about all the machine spare parts:

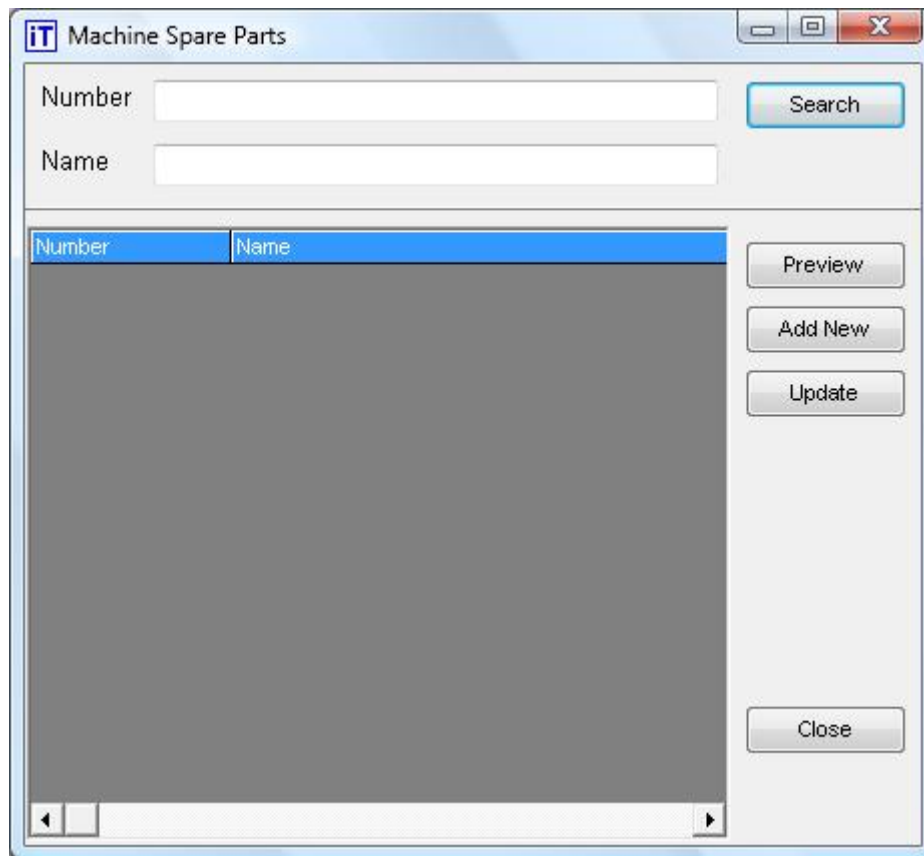


fig. 39 The Machine Spare Parts window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new machine spare part.

The “**Update**” button is needed to update the selected in the list machine spare part.

The “**Preview**” (or double click on the list) button is used for preview of the selected machine spare part.

The “**OK**” button is used to confirm the selected machine spare part and to give it back to the window, which is calling the “**Machine Spare Parts**” window.

The “**Close**” button is used to hide the “**Machine Spare Parts**” window.

When the **intuality**™ system is started for the first time, there are no machine spare parts in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Machine Spare Part**” window to add new, update or preview the machine spare part and the Rules set for this machine spare part:

Machine Spare Part

Number

Name

Description

Price

Units

Document =>

Link

Extra Info =>

☐ All Quantity

☐ Set Expiry Date

Suppliers

Number	Name	Code	Fixed	Test
--------	------	------	-------	------

☐ Fixed

Machines

|--|--|

Test

Number	Name
--------	------

fig. 40 The Machine Spare Part

The “**Number**” textbox is used for the number of the machine spare part.

The “**Name**” textbox is used for the name of the machine spare part.

The “**Description**” textbox is used for the description of the machine spare part.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the machine spare part. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the machine spare part.

The “**Price**” textbox is used for the price of the machine spare part.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current machine spare part. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current machine spare part, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this machine spare part is fixed. If in the Quality system the current machine spare part have different supplier – the Quality control is not success and the machine spare part will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this machine spare part. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from the list, the User have to select the supplier from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Suppliers**” section is used to set the code for the current supplier for the current machine spare part. After the “**Code**” is added the code automatically will be set in the third column in the row of the selected supplier. The “**Code**” is used in the Quality control – if in the Quality control the “**Code**” is wrong, the machine spare part has to go into the Isolator

The “**Test**” window shows the list with all the tests for this machine spare part. The tests are described with number and name. The new test can be added thru the click on the “**Add New**”

button in the “**Test**” section. The existing criteria can be deleted from the list of tests by the “**Delete**” button. To delete test from the list, the User have to select the test from the list and to click on “**Delete**” button. The two buttons “**Up**” and “**Down**” set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

The “**Machines**” window shows the list with all the machines for which this machine spare part are available. The machines are described with number and name. The new machine can be added thru the click on the “**Add New**” button in the “**Machines**” section. The existing machine can be deleted from the list of machines by the “**Delete**” button. To delete machine from the list, the User have to select the machine from the list and to click on “**Delete**” button.

Add/Update Tool (Gauge)

The “**Tools**” window is the common “Intuitive” window, which gives information about all the tools:

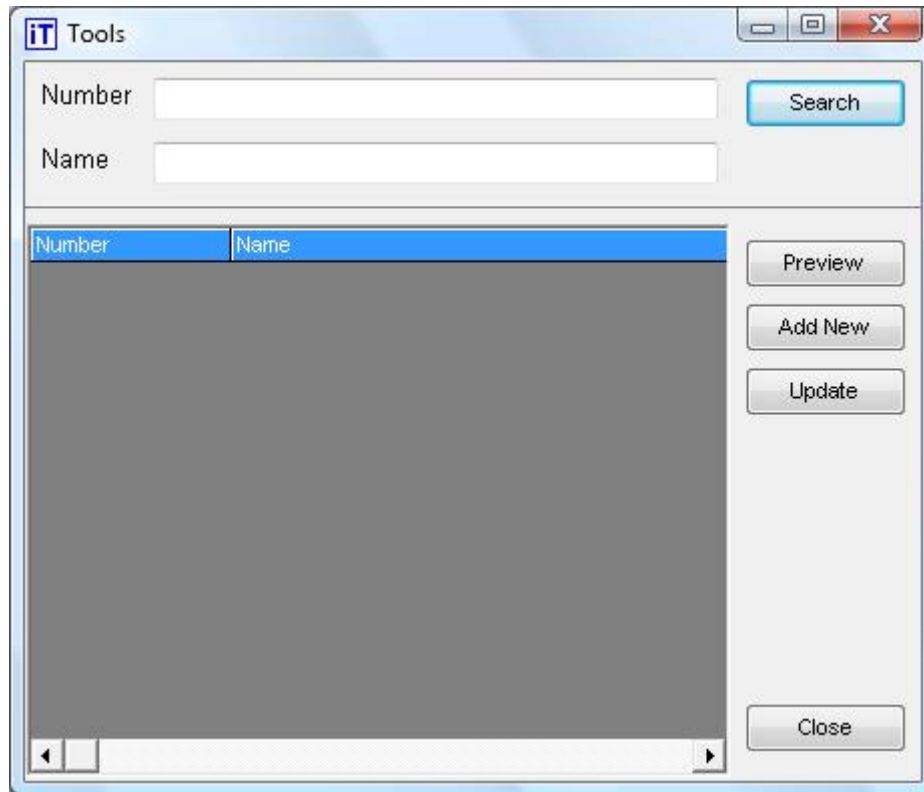


fig. 41 The Tools window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new tool.

The “**Update**” button is needed to update the selected in the list tool.

The “**Preview**” (or double click on the list) button is used for preview of the selected tool.

The “**OK**” button is used to confirm the selected tool and to give it back to the window, which is calling the “**Tools**” window.

The “**Close**” button is used to hide the “**Tools**” window.

When the **intuality™** system is started for the first time, there are no tools in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Tool**” window to add new, update or preview the tool and the Rules set for this tool:

The screenshot shows a software window titled "iT Tool". It contains several input fields and sections:

- Number**: A single-line text box.
- Name**: A single-line text box.
- Description**: A multi-line text box.
- Unit**: A dropdown menu currently showing "Pieces".
- Price**: A text box with the value "0".
- Document**: A text box with a right-pointing arrow button.
- Link**: A single-line text box.
- Extra Info**: A text box with a right-pointing arrow button.
- Suppliers**: A section containing a table with columns "Number", "Name", "Code", "Fixed", and "Test". Below the table are "Add New" and "Delete" buttons, a "Fixed" checkbox, a text box, and a "Lock" dropdown menu.
- Test**: A section containing a table with columns "Number" and "Name". Below the table are "Add New" and "Delete" buttons, and two vertical arrow buttons on the right.

At the bottom of the window are "OK" and "Cancel" buttons.

fig. 42 The Tool window

The “**Number**” textbox is used for the number of the tool.

The “**Name**” textbox is used for the name of the tool.

The “**Description**” textbox is used for the description of the tool.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the tool. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the tool.

The “**Price**” textbox is used for the price of the tool.

The “**Unit**” and the “**Price**” field are appearing automatically when the incoming invoice is created.

The “**Document**” is used for the document, corresponding to the current tool. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Extra Info**” is used for the extra info, corresponding to the current tool, if exists. The User chooses the Extra info by the button in the right side of the “**Extra Info**” field. After click on the button the “**Extra Info**” window appear. The extra info is saved in the database and the User can open it by double click on the field.

The “**Fixed**” is used to define that the chosen suppliers for this tool is fixed. If in the Quality system the current tool have different supplier – the Quality control is not success and the tool will go into the Isolator.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Suppliers**” window shows the list with all the possible suppliers for this tool. The possible suppliers are described with number, name and code. The new supplier can be added thru the click on the “**Add New**” button in the “**Suppliers**” section. The existing supplier can be deleted from the list of possible suppliers by the “**Delete**” button. To delete supplier from the list, the User have to select the supplier from the list and to click on “**Delete**” button. The text box in the bottom right of the “**Suppliers**” section is used to set the code for the current supplier for the current tool. After the “**Code**” is added the code automatically will be set in the third column in the row of the selected supplier. The “**Code**” is used in the Quality control – if in the Quality control the “**Code**” is wrong, the tool has to go into the Isolator

The “**Test**” window shows the list with all the tests for this tool. The tests are described with number and name. The new test can be added thru the click on the “**Add New**” button in the

“Test” section. The existing criteria can be deleted from the list of tests by the **“Delete”** button. To delete test from the list, the User have to select the test from the list and to click on **“Delete”** button. The two buttons **“Up”** and **“Down”** set the order of the tests. The order is needed for the Quality control and the tests have to be set in order, which is very similar for the working of the User. If the order is good, a lot of time for Quality control will be saved.

Add/Update Sub Module

The “**Sub Modules**” window is the common “Intuitive” window, which gives information about all the sub modules:

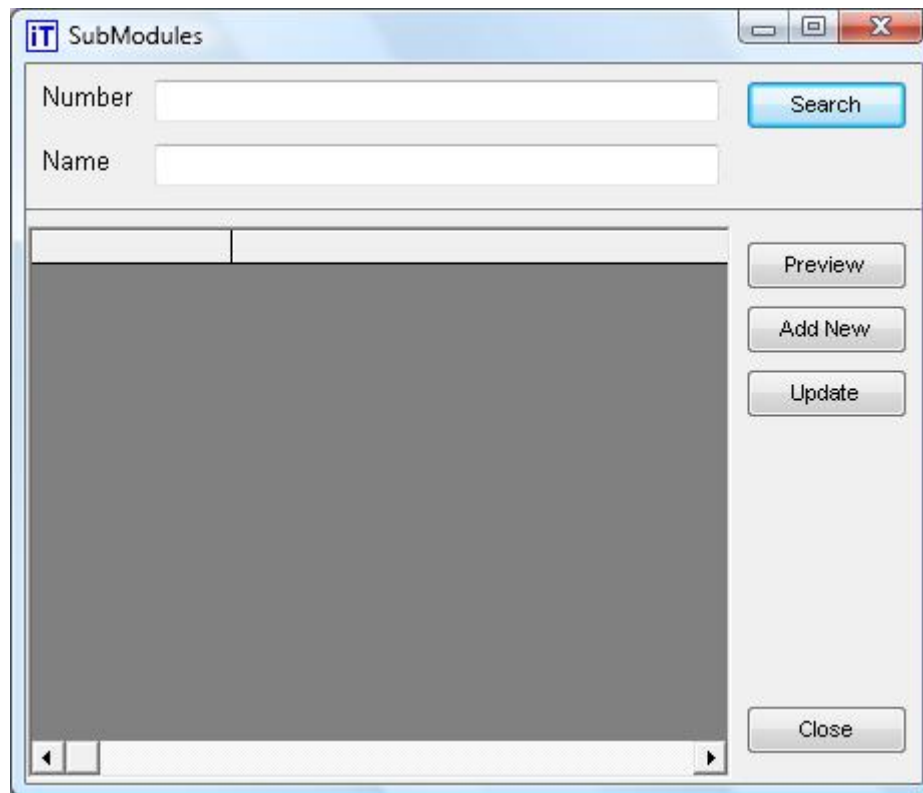


fig. 43 The Sub modules window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new sub module.

The “**Update**” button is needed to update the selected in the list sub module.

The “**Preview**” (or double click on the list) button is used for preview of the selected sub module.

The “**OK**” button is used to confirm the selected sub module and to give it back to the window, which is calling the “**Sub modules**” window.

The “**Close**” button is used to hide the “**Sub modules**” window.

When the **intuality™** system is started for the first time, there are no sub modules in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Sub module**” window to add new, update or preview the sub module and the Rules set for this sub module:

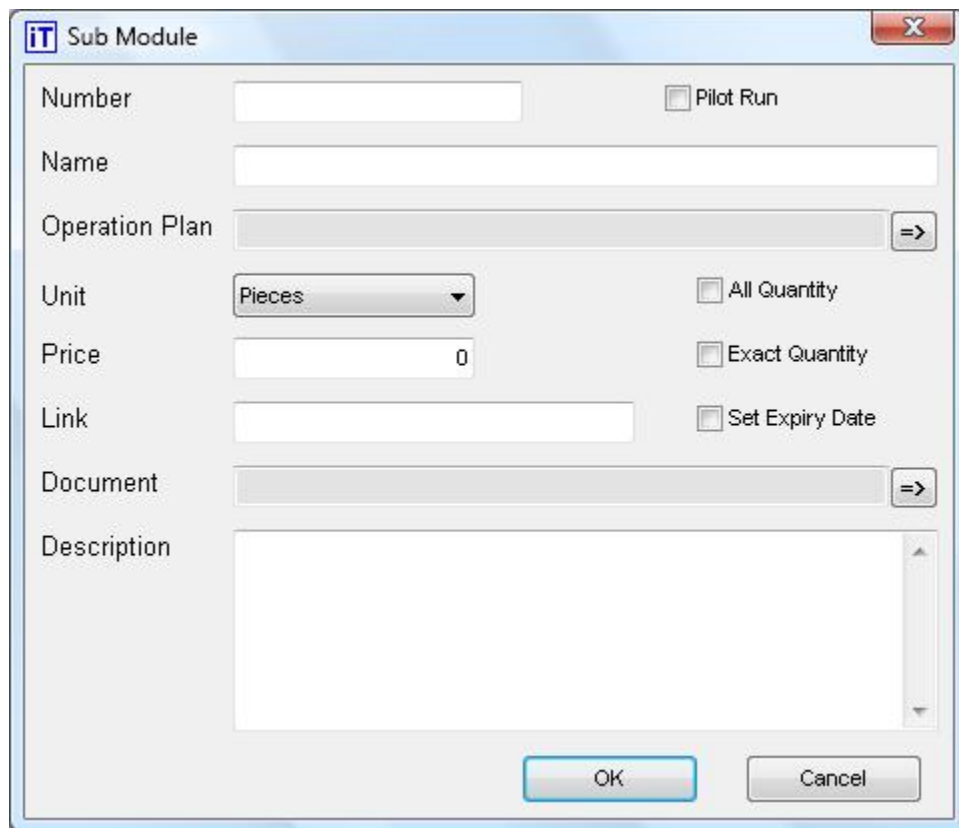


fig. 44 The Sub module Window

The “**Number**” textbox is used for number of the sub module. If this is the sub module for Pilot run (the “**Pilot Run**” is checked) the number field cannot be set.

The “**Name**” textbox is used for the name of the sub module.

The “**Description**” textbox is used for the description of the sub module.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the Sub module. Double click on the “**Link**” automatically open the current WEB site.

The “**Unit**” drop-down list is used to specify the unit of the sub module.

The “**Price**” textbox is used for the price of the sub module.

The “**Unit**” and the “**Price**” field are appearing automatically when the outgoing invoice is created.

The “**All Quantity**” is used for the Stock. If the “**All Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the stock.

The “**Exact Quantity**” is used for the Product tracking. If the “**Exact Quantity**” is checked, all the quantity (with one barcode) must be getting at once from the production.

The “**Set Expiry Date**” is used in Quality Control. If the “**Set Expiry Date**” is checked, the User has to set expiry date.

The “**Operation Plan**” is used to set an operation plan, corresponding to the current sub module. The field is disabled. The operation plan can be choosing by the button in the right side of the “**Operation Plan**” field. After click on the button the “Operation Plan” window appear.

The “**Document**” is used for the document, corresponding to the current sub module. The field is grey, because is disabled. The document can be choosing by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

Create/Recreate Operation Plan

The Operation Plans shows the path/history of product or sub module. The Operation Plan is the best way to track or trace product, because consist workspaces, operations, materials, machine/tools, employees. The Operation Plan can be create, but Operation Plan cannot be updated. If the User wants to update the Operation plan, the **intuality™** system will recreate the Operation Plan. This is required, because all the partially processed lots has to repeat the operation by the new operation plan. All the operation passed at the moment of update of the Operation Plan will be saved.

The “**Operation Plans**” window is used for managing the operation plans. The “**Operation Plans**” window is the common “Intuitive” window, which gives information about all Operation Plans:

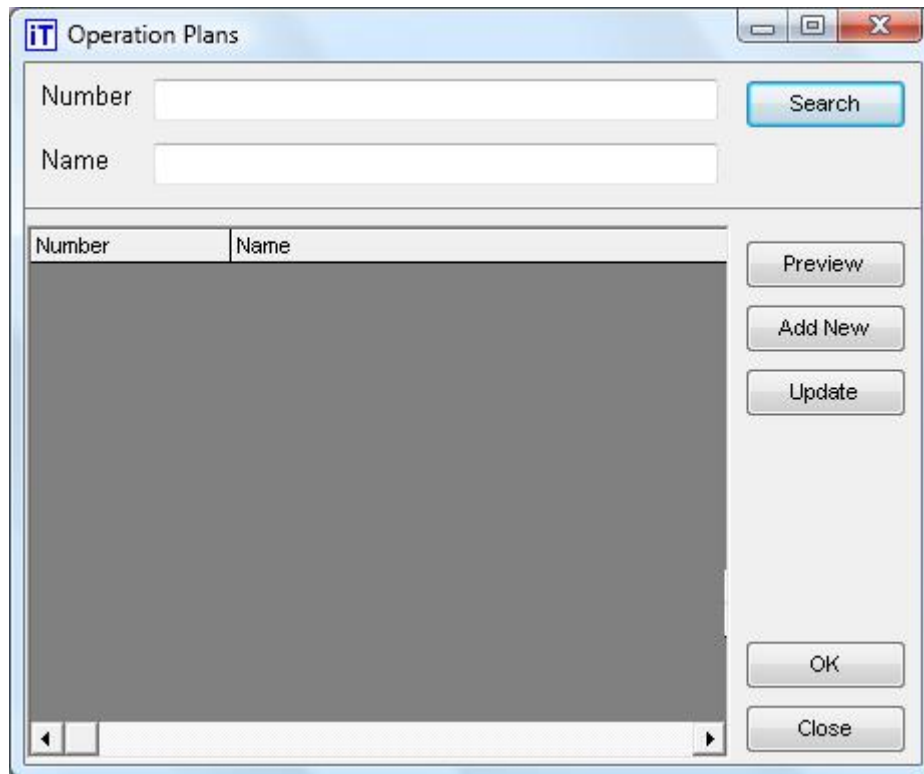


fig. 45 Operation Plans window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new operation plan.

The “**Update**” button is needed to update the selected in the list operation plan.

The “**Preview**” (or double click on the list) button is used for preview of the selected operation plan.

The “**OK**” button is used to confirm the selected operation plan, and to give it back to the window, which is calling the “**Operation Plans**” window.

The “**Close**” button is used to hide the “**Operation Plans**” window.

When the **intuality™** system is started for the first time, there are no operation plans in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Operation Plan**” window to add new, update or preview the operation plan and the Rules set for this operation plan:

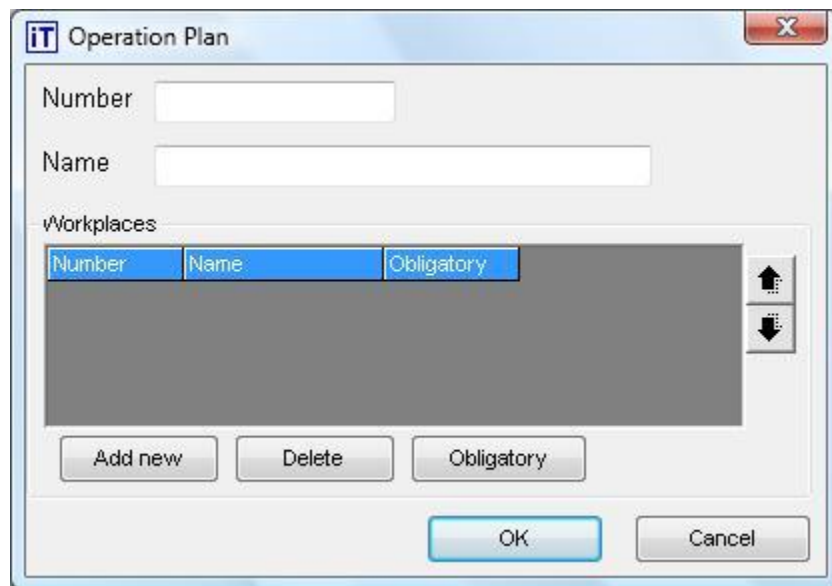


fig. 46 Operation Plan window

The “**Number**” textbox is used for the number of the bill of material.

The “**Name**” textbox is used for the name of the bill of material.

The “**Operation Plan**” window shows the list with all the workplaces, where the product or sub module will pass thru. The workplaces are described with number, name. The existing workplace can be deleted from operation plan by the “**Delete**” button. To delete workplace from the current operation plan, the User have to select the workplace from the list below and to click on “**Delete**” button. The “**Obligatory**” button in the bottom right of the “**Workplace**” section is used to set obligatory or not obligatory workplace. When the button is clicked once the selected workplace will be set to “not obligatory”. If the button is clicked twice the selected workplace will be set to “obligatory”. The “Obligatory” is used in the Product tracking process. If the workplace is set to “Obligatory”, the product cannot continue with the next workplace, if the current one is not finished. The two buttons - “**Up**” and “**Down**” set the order of the workplaces. The new workplace can be added thru the click on the “**Add New**” button and the “**Operation Plan Workplace**” window appear:

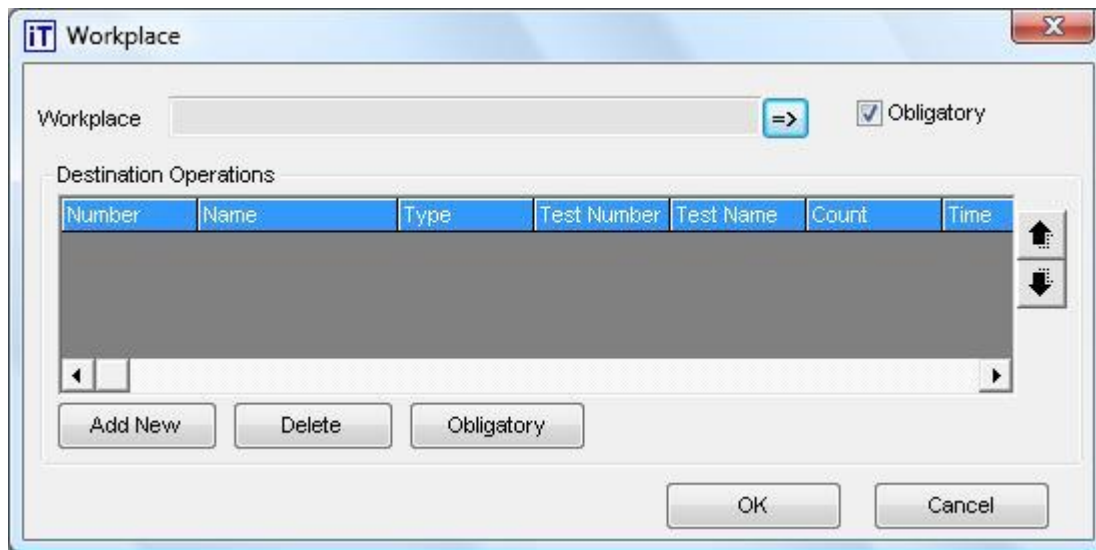


fig. 47 Operation Plan Workplace window

The “**Workplace**” is used for the workplace. The workplace can be choosing by the button in the right side of the “**Workplace**” field. After click on the button the “**Workplace**” window appears. The workplace is saved in the database and the User can open it by double click on the field.

The “**Obligatory**” checkbox is used to set is obligatory current workplace or not.

The “**Operation**” section shows the list with all the operations, where the product or sub module will pass thru. The existing operation can be deleted from operation plan by the “**Delete**” button. To delete operation from the current operation plan, the User have to select the operation from the list below and to click on “**Delete**” button. The “**Obligatory**” button in the bottom right of the “**Operation**” section is used to set obligatory or not obligatory operation. When the button is clicked once the selected operation will be set to “not obligatory”. If the button is clicked twice the selected operation will be set to “obligatory”. The “Obligatory” is used in the Product tracking process. If the operation is set to “Obligatory”, the product cannot continue with the next operation, if the current one is not finished. The two buttons - “**Up**” and “**Down**” set the order of the operations. The new operation can be added thru the click on the “**Add New**” button and the “**Operation Plan Operation**” window appear:

The screenshot shows the "Operation Plan Operation" window. It features a title bar with the "it" logo and the text "Operation". The window is divided into several sections. At the top, there is an "Operation" field with a search button (=>). Below this, there are fields for "Type" (a dropdown menu), "Price" (a text box), "Obligatory" (a checked checkbox), "Employee" (a text box), "Count" (a text box), "Time" (a text box), and "Units" (a dropdown menu). Below these fields is an "Extra Info" field with a search button (=>). The "Machines/Tools" section contains a table with the following columns: Type, Number, Name, Units, Quantity, Time, and Time Units. Below the table are "Add New" and "Delete" buttons. The "Materials" section has a checked checkbox labeled "Materials" and a table with the following columns: Type, Number, Name, Units, and Quantity. Below this table are also "Add New" and "Delete" buttons. At the bottom of the window are "OK" and "Cancel" buttons.

fig. 48 Operation Plan Operation window

The “**Operation**” can have two types (operation, test):

- “**Operation**” type – it is used to describe an operation.
- “**Test**” type – it is used to describe test operation.

The “**Type**” drop-down list is used to set the type of operation – operation or test.

The “**Operation**” box is used to set an operation. The field is disabled. The operation can be choosing by the button in the right side of the “**Operation**” field. After click on the button the “Operations” window appears.

The “**Extra Info**” is used to set an extra info, corresponding to the current operation. The field is disabled. The extra info can be choosing by the button in the right side of the “**Extra Info**” field. After click on the button the “Extra Infos” window appears.

The “**Obligatory**” checkbox is used to set is obligatory current operation or not.

The “**Price**” textbox is used to set the price of current operation.

The “**Count**” textbox is used to set minimum count of employees, which are need for the current operation.

The “**Time**” textbox is used to set time, which are need for the current operation.

The “**Units**” textbox is used to set time units.

The “**Machines/Tools**” section shows the list with all the machines and tools for the current operation. The “Delete” button can delete the existing machine/tool. To delete machine/tool from the current operation, the User have to select the machine/tool from the list below and to click on “**Delete**” button. The new machine/tool can be added thru the click on the “**Add New**” button and the “**Operation Plan Machine/Tool**” window appear.

The “**Material**” section shows the list with all the materials for the current operation. The materials can be added to the current operation or removed in lot. This is depending on the checkbox. The “Delete” button can delete the existing material. To delete material from the current operation, the User have to select the material from the list below and to click on “**Delete**” button. The new material can be added thru the click on the “**Add New**” button and the “**Operation Plan Material**” window appears.

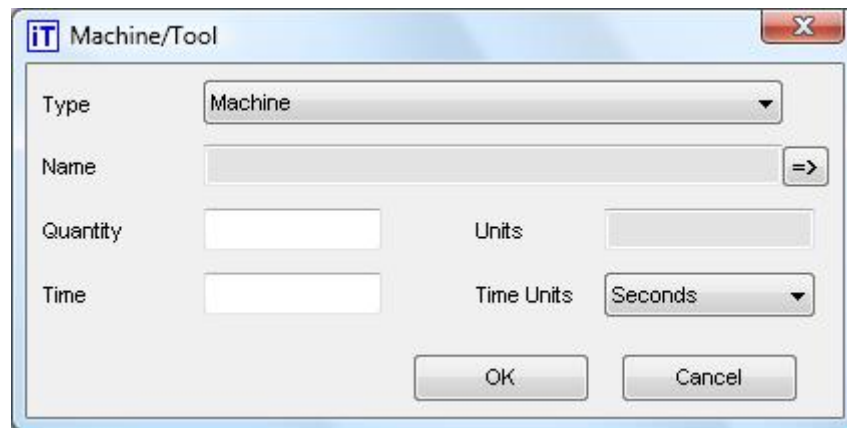


fig. 49 Operation Plan Machine/Tool window

The “**Type**” drop-down list is used to set the type – machine or tool.

The “**Name**” is used for the machine or tool. The field is disabled. The machine/tool, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Name**” field. After click on the button, depending on the “**Type**” drop-down list the current window appears. If the User is choused the machine, the “**Machines**” window will appear. If the User is choused the tool, the “**Tools**” window will appear. After choosing the machine/tool, in the field “**Name**” will be appear the number and the name of the machine/tool.

The “**Quantity**” textbox is used to set quantity of machines/tools.

The “**Time**” textbox is used to set time, which are need for the machine/tool.

The “**Units**” textbox is used to set time units.



fig. 50 Operation Plan Material window

The “**Type**” drop-down list is used to set the type – material.

The “**Name**” is used for the material. The field is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Name**” field. After click on the button, depending on the “**Type**” drop-down list the current window appears. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the Consumable, the “**Consumable**” window will appear. If the User is choused the packing material, the “**Packing Materials**” window will appear. If the User is choused the sub module, the “**Sub modules**” window will appear. After choosing the material, in the field “**Name**” will be appear the number and the name of the material.

The “**Quantity**” textbox is used to set quantity of material.

If the type of the operation is Test the “**Operation Plan Operation**” will be changed:

The screenshot shows a software window titled "Operation". It contains the following elements:

- Operation**: A disabled text input field with a right-pointing arrow button.
- Type**: A dropdown menu currently set to "Test".
- Price**: A text input field.
- Obligatory**: A checked checkbox.
- Employee**: A text input field.
- Count**: A text input field.
- Time**: A text input field.
- Units**: A dropdown menu currently set to "Seconds".
- Extra Info**: A disabled text input field with a right-pointing arrow button.
- Test**: A disabled text input field with a right-pointing arrow button.
- Buttons**: "OK" and "Cancel" buttons at the bottom right.

fig. 51 Operation Plan Test Operation window

The “**Type**” drop-down list is used to set the type of operation – operation or test.

The “**Operation**” box is used to set an operation. The field is disabled. The operation can be choosing by the button in the right side of the “**Operation**” field. After click on the button the “Operations” window appears.

The “**Extra Info**” is used to set an extra info, corresponding to the current operation. The field is disabled. The extra info can be choosing by the button in the right side of the “**Extra Info**” field. After click on the button the “Extra Infos” window appears.

The “**Obligatory**” checkbox is used to set is obligatory current operation or not.

The “**Price**” textbox is used to set the price of current operation.

The “**Count**” textbox is used to set minimum count of employees, which are need for the current operation.

The “**Time**” textbox is used to set time, which are need for the current operation.

The “**Units**” textbox is used to set time units.

The “**Test**” box is used to set test. The field is disabled. The test can be choosing by the button in the right side of the “**Test**” field. After click on the button the “Tests” window appears.

Add/Update Document

The Documents contains the specification for the current material or product.

The “**Documents**” window is used for managing the documents. The “**Documents**” window is the common “Intuitive” window, which gives information about all the documents:

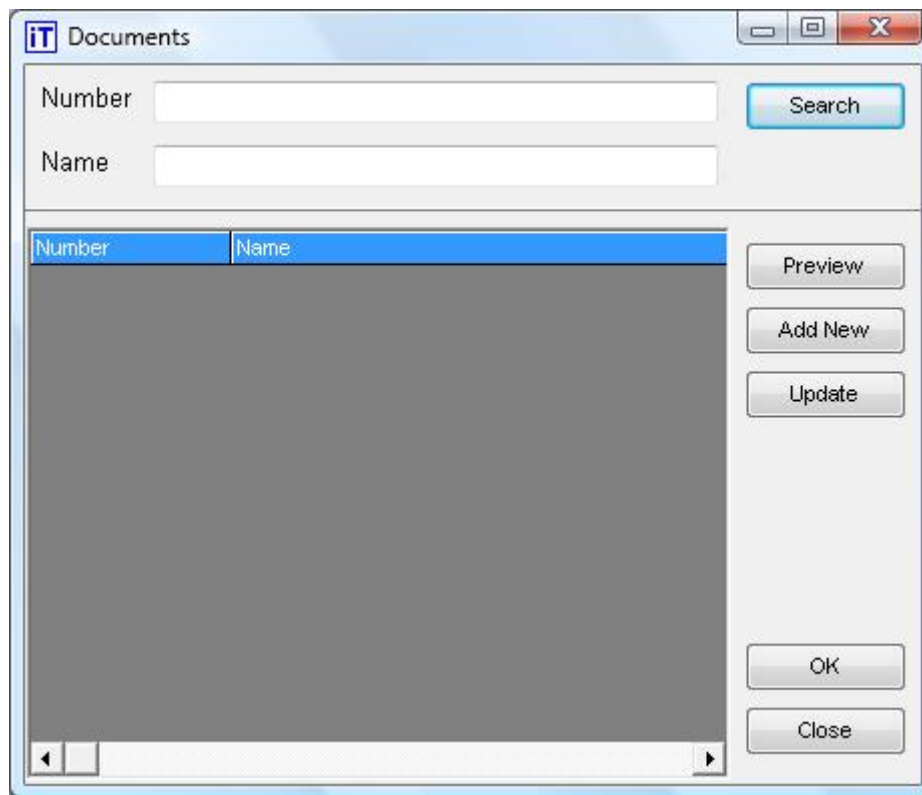


fig. 52 The Documents window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new document.

The “**Update**” button is needed to update the selected in the list document.

The “**Preview**” (or double click on the list) button is used for preview of the selected document.

The “**OK**” button is used to confirm the selected document, and to give it back to the window, which is calling the “**Documents**” window.

The “**Close**” button is used to hide the “**Documents**” window.

When the **intuality™** system is started for the first time, there are no documents in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Document**” window to add new, update or preview the document and the Rules set for this document:

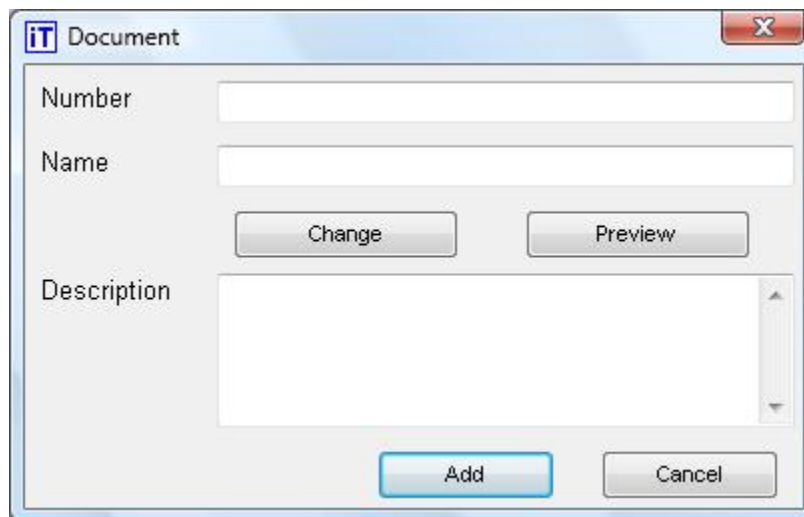


fig. 53 The Document window

The “**Number**” textbox is used for the number of the document.

The “**Name**” textbox is used for the name of the document.

The “**Description**” textbox is used for the description of the document.

The “**Change**” button is used to call the standard MS Windows “Open” window. The User can choose the file with document. The document can be “doc”, “xls”, “pdf”, etc...

The file is stored into the database and can be opened from everywhere from **intuality™** system.

The “**Preview**” button is used to show the default application, depending on the document type.

Add/Update Drawing

The Drawing contains the specification for the measuring of the current criteria for the current material in the Quality control.

The “**Drawings**” window is used for managing the drawings. The “**Drawings**” window is the common “Intuitive” window, which gives information about all the drawings:

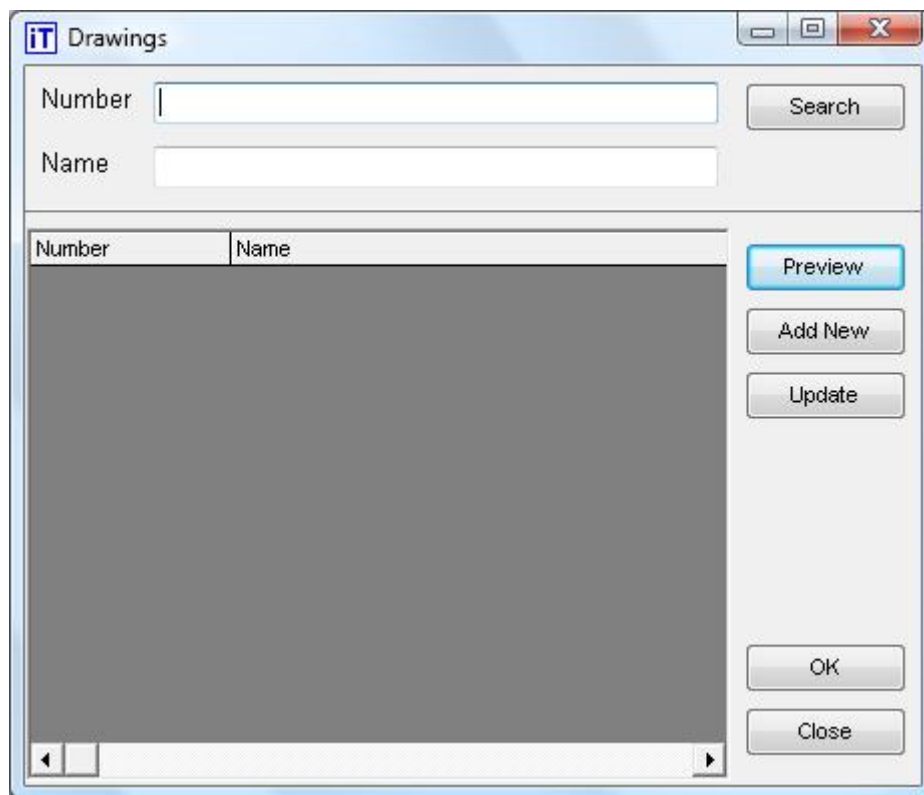


fig. 54 The Drawings window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new drawing.

The “**Update**” button is needed to update the selected in the list drawing.

The “**Preview**” (or double click on the list) button is used for preview of the selected drawing.

The “**OK**” button is used to confirm the selected drawing, and to give it back to the window, which is calling the “**Drawings**” window.

The “**Close**” button is used to hide the “**Drawings**” window.

When the **intuality™** system is started for the first time, there are no drawings in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Drawing**” window to add new, update or preview the drawing and the Rules set for this drawing:

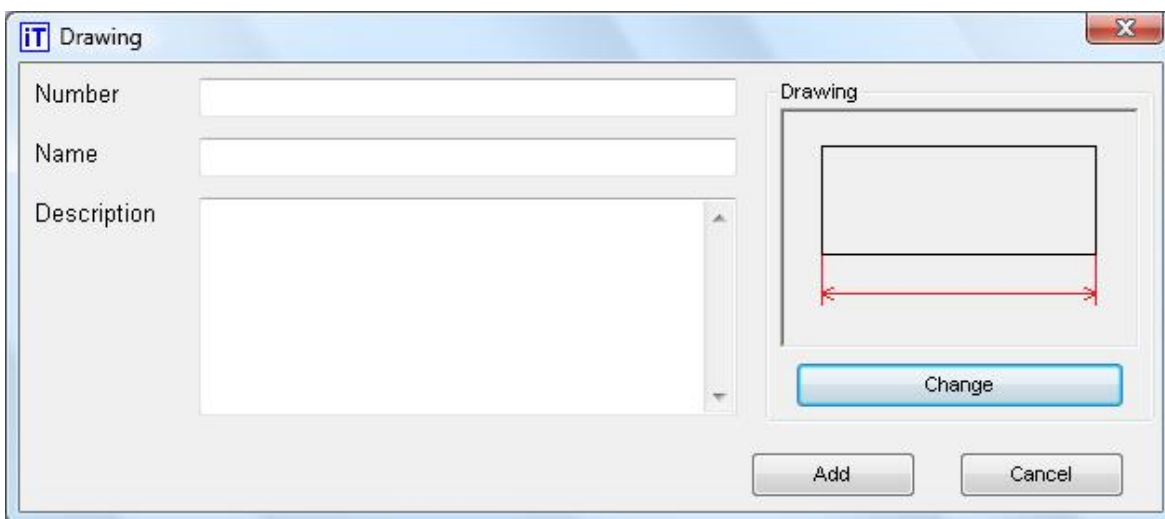


fig. 55 The Drawing window

The “**Number**” textbox is used for the number of the drawing.

The “**Name**” textbox is used for the name of the drawing.

The “**Description**” textbox is used for the description of the drawing.

The “**Change**” button is used to call the standard MS Windows “Open” window. The User can choose the file with drawing. The document can be “bmp”, “gif” and “jpg”. The file is stored into the database and can be opened from everywhere with **intuality™** system. After the file is chosen the drawing is shown in the Drawing area.

Add/Update Organization

The “**Organizations**” window is used for managing the organizations. The “**Organizations**” window is the common “Intuitive” window, which gives information about all the organizations:

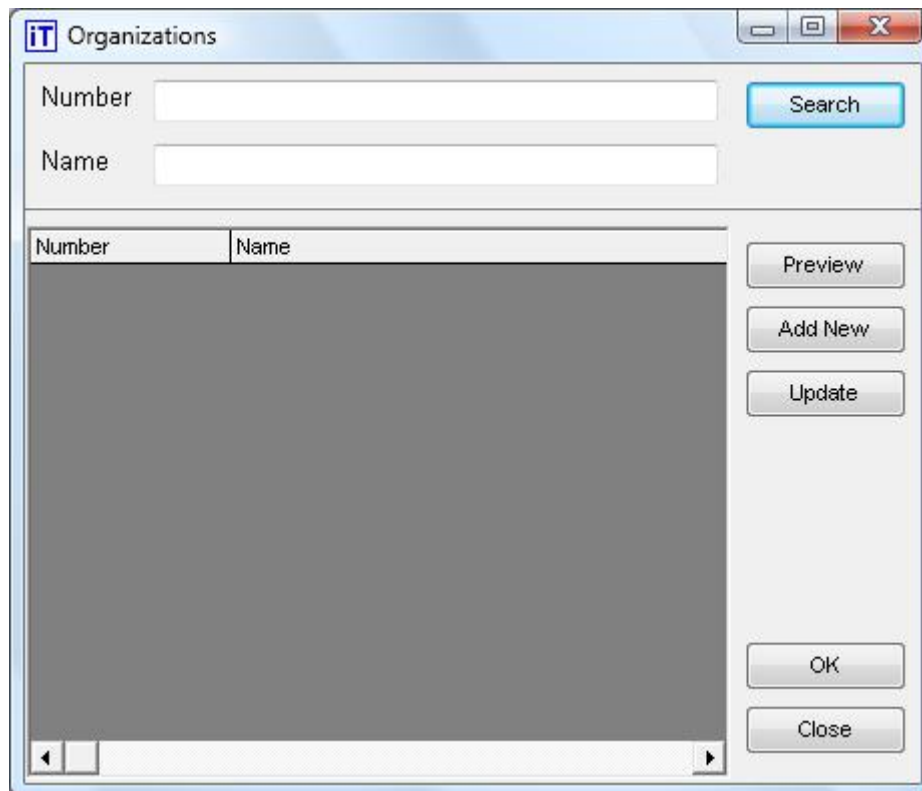


fig. 56 The organizations window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new organization.

The “**Update**” button is needed to update the selected in the list organization.

The “**Preview**” (or double click on the list) button is used for preview of the selected organization.

The “**OK**” button is used to confirm the selected organization, and to give it back to the window, which is calling the “**Organizations**” window.

The “**Close**” button is used to hide the “**Organizations**” window.

When the **intuality™** system is started for the first time, there are no organizations in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Organization**” window to add new, update or preview the organization and the Rules set for this organization:

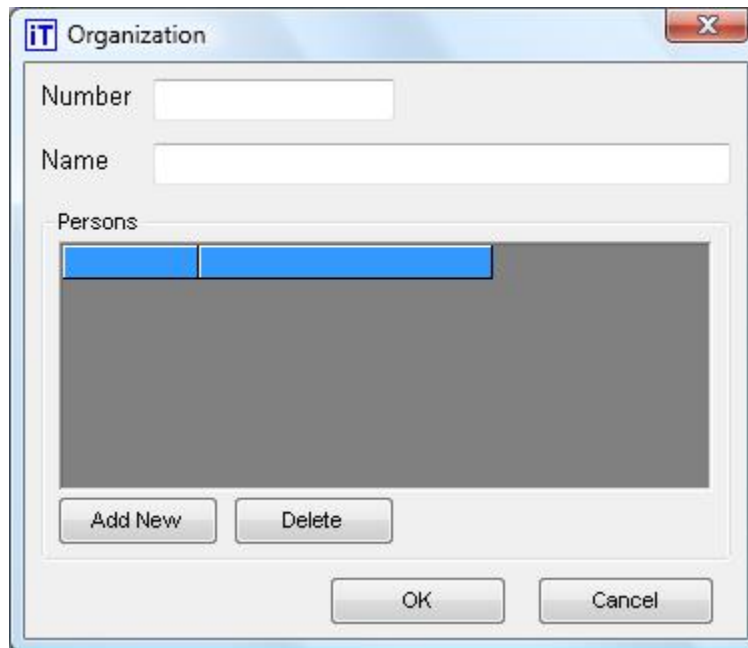


fig. 57 The Organization window

The “**Number**” textbox is used for the number of the organizations.

The “**Name**” textbox is used for the name of the organizations.

The “**Persons**” window shows the list with all the persons included in the current organization. The persons are described with first name and last name. The new person can be added thru the click on the “**Add New**” button. The existing person can be deleted from organization by the “**Delete**” button. To delete person from the current organization, the User have to select the person from the list below and to click on “**Delete**” button.

To add new person the User has to click on the “**Add New**” button and the “**Persons**” window will appear, choose the person and click on the “**OK**” button to confirm the selection and the selected person will appear in the organizations list.

Add/Update Person

The “**Persons**” window is used for managing the persons. The “**Persons**” window is the common “Intuitive” window, which gives information about all the persons:

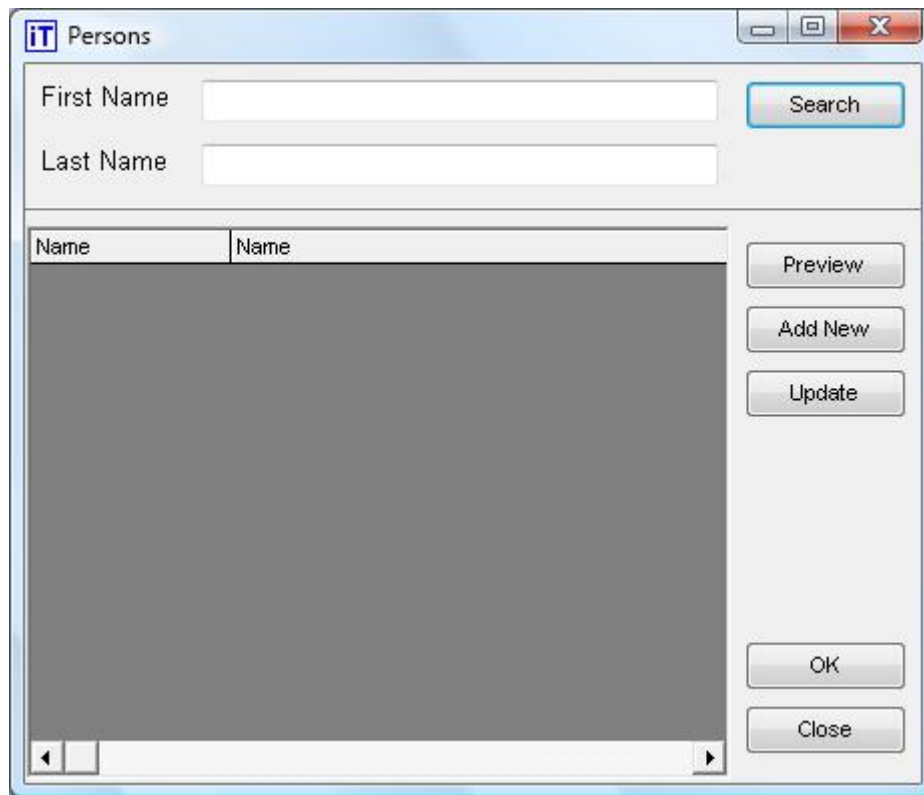


fig. 58 The Persons window

The searching by given criteria for First Name and Last Name is starting by click on button **“Search”** and the result is shown in the list.

The **“Add new”** button is needed to add new person.

The **“Update”** button is needed to update the selected in the list person.

The **“Preview”** (or double click on the list) button is used for preview of the selected person.

The **“OK”** button is used to confirm the selected person, and to give it back to the window which is calling the **“Persons”** window.

The **“Close”** button is used to hide the **“Persons”** window.

When the **intuality™** system is started for the first time, there are no persons in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Person**” window to add new, update or preview the person and the Rules set for this person:

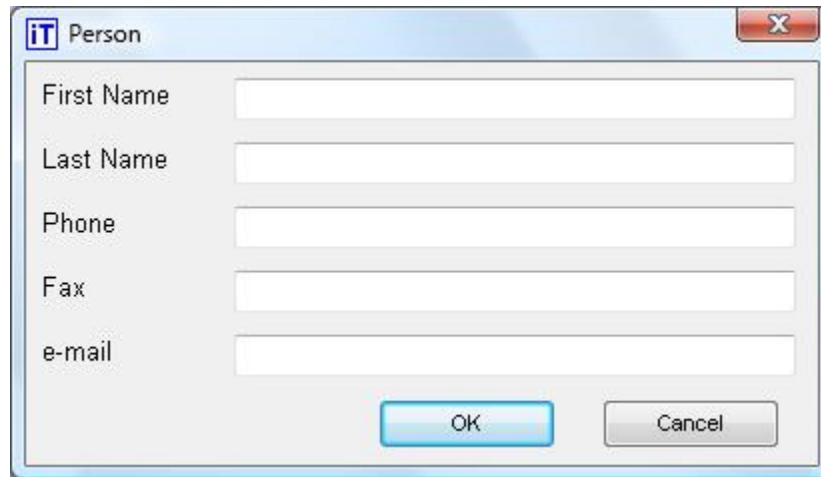
The image shows a standard Windows-style dialog box titled "Person". It features a light blue title bar with a small icon on the left and a close button (X) on the right. The main area of the dialog is white and contains five text input fields, each preceded by a label: "First Name", "Last Name", "Phone", "Fax", and "e-mail". The labels are in a standard sans-serif font. At the bottom of the dialog, there are two buttons: "OK" and "Cancel", both with a light blue gradient and a slight shadow effect.

fig. 59 The Person window

The “**First Name**” is used for the first name of the person.

The “**Last Name**” textbox is used for the last name of the person.

The “**Phone**” is used for the phone of the person.

The “**Fax**” textbox is used for the fax of the person.

The “**e-mail**” textbox is used for the e-mail of the person.

Add/Update E-mail

The “**E-mails**” window is used for managing the organizations. The “**E-mails**” window is the common “Intuitive” window, which gives information about all the e-mails:

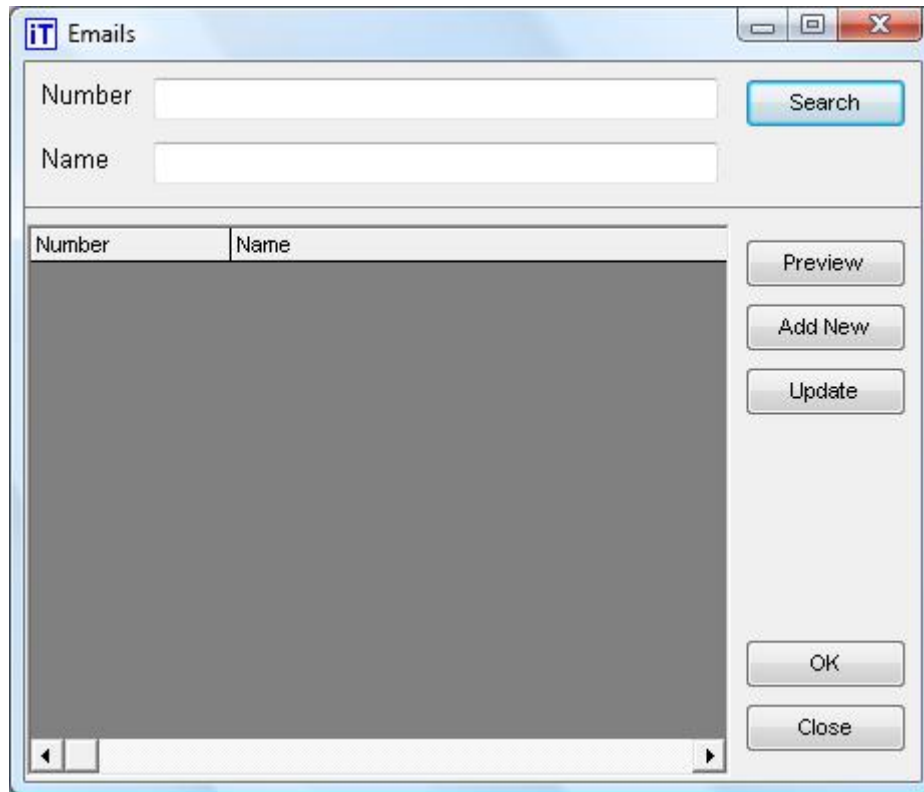


fig. 60 The E-mails window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new e-mail.

The “**Update**” button is needed to update the selected in the list e-mail.

The “**Preview**” (or double click on the list) button is used for preview of the selected e-mail.

The “**OK**” button is used to confirm the selected e-mail, and to give it back to the window, which is calling the “**E-mails**” window.

The “**Close**” button is used to hide the “**E-mails**” window.

When the **intuality**™ system is started for the first time, there are no e-mails in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**E-mail**” window to add new, update or preview the e-mail and the Rules set for this e-mail:

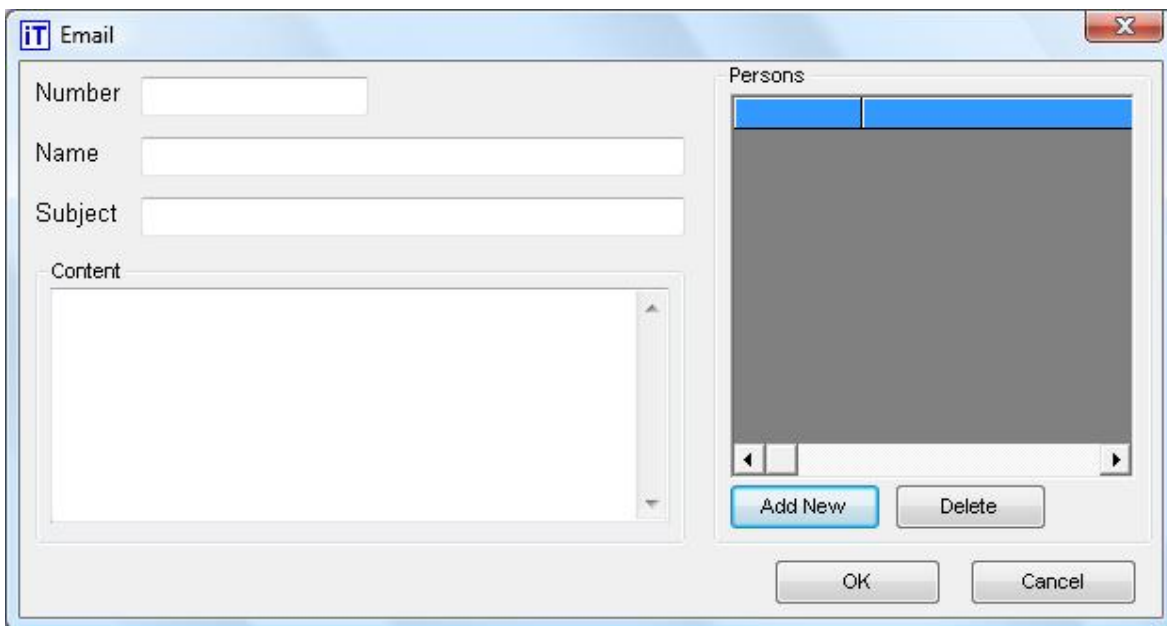


fig. 61 The e-mail window

The “**Number**” textbox is used for the number of the e-mail.

The “**Name**” textbox is used for the name of the e-mail.

The “**Subject**” textbox is used to set the subject of the e-mail.

The “**Content**” textbox is used for the body of the e-mail. Where to be stored the automatic generated text from the **intuality**™ system is shown the special symbols – “###”

The “**Persons**” window shows the list with all the persons for which to be send the current e-mail. The persons are described with first name and last name. The new person, which to receive the e-mail can be added thru the click on the “**Add New**” button. The “Delete” button can delete the existing person. To prevent person to receive current e-mail, the User have to select the person from the list and to click on “**Delete**” button.

To add new person the User has to click on the “**Add New**” button and the “**Persons**” window will appear, choose the person and click on the “**OK**” button to confirm the selection and the selected person will appear in the list.

Add/Update Operation

The “**Operations**” window is used for managing the operations. The “**Operations**” window is the common “Intuitive” window, which gives information about all the operations:

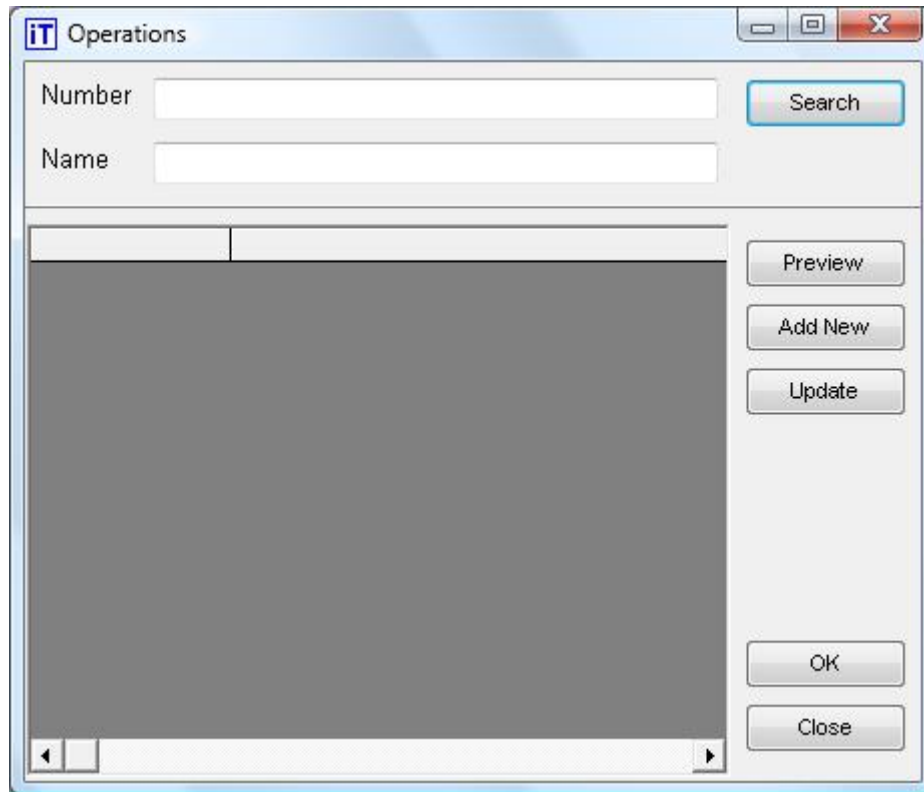


fig. 62 The Operations window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new operation.

The “**Update**” button is needed to update the selected in the list operation.

The “**Preview**” (or double click on the list) button is used for preview of the selected operation.

The “**OK**” button is used to confirm the selected operation, and to give it back to the window, which is calling the “**Operations**” window.

The “**Close**” button is used to hide the “**Operations**” window.

When the **intuality™** system is started for the first time, there are no operations in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Operation**” window to add new, update or preview the operation and the Rules set for this operation:

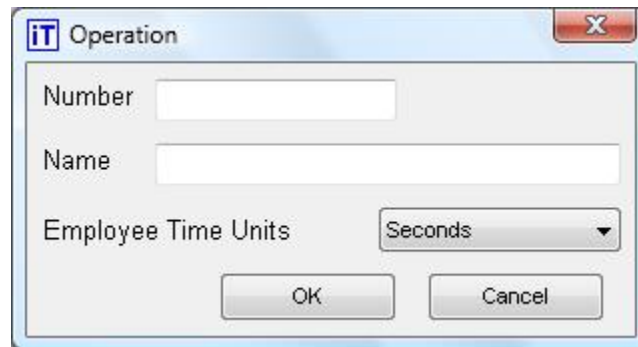


fig. 63 The Operation window

The “**Number**” textbox is used for the number of the document.

The “**Name**” textbox is used for the name of the document.

The “**Employee Time Units**” drop-down list is used to set the time units for employee of the current operation.

Add/Update Workplace

The “**Workplaces**” window is used for managing the workplaces. The “**Workplaces**” window is the common “Intuitive” window, which gives information about all the workplaces:

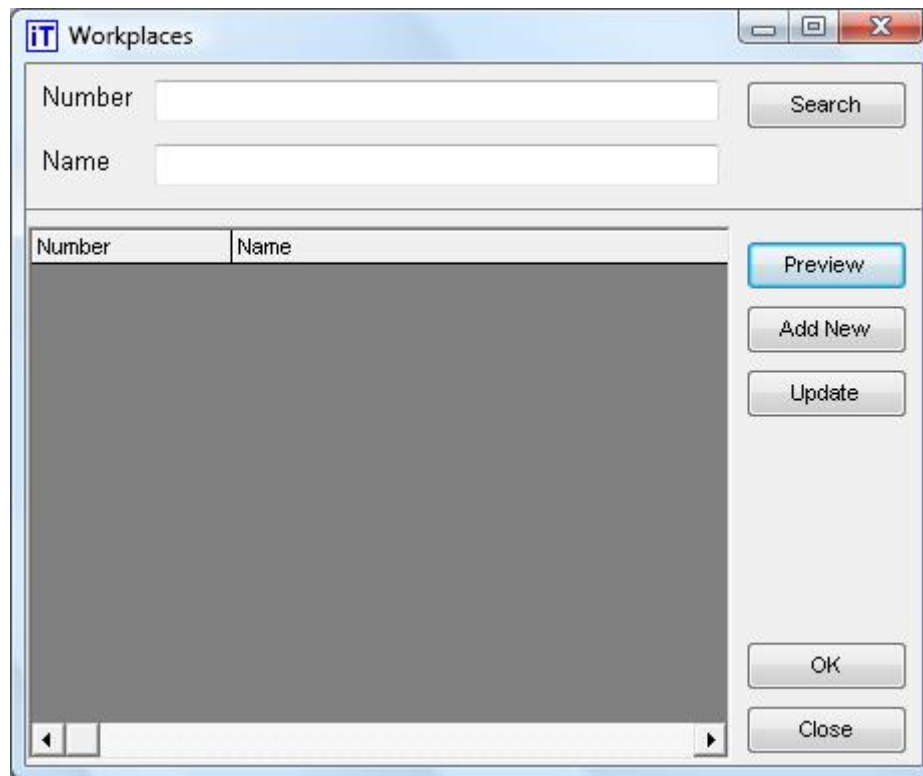


fig. 64 The Workplaces window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new workplace.

The “**Update**” button is needed to update the selected in the list workplace.

The “**Preview**” (or double click on the list) button is used for preview of the selected workplace.

The “**OK**” button is used to confirm the selected workplace, and to give it back to the window, which is calling the “**Workplaces**” window.

The “**Close**” button is used to hide the “**Workplaces**” window.

When the **intuality**™ system is started for the first time, there are no workplaces in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Workplace**” window to add new, update or preview the workplace and the Rules set for this workplace:

The image shows a Windows-style dialog box titled "Workplace" with a small icon on the left and a close button (X) on the right. Inside the dialog, there are three text input fields stacked vertically, labeled "Number", "Name", and "Department". The "Department" field is greyed out, indicating it is disabled. To the right of the "Department" field is a small blue button with a white arrow pointing to the right. At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

fig. 65 The Workplace window

The “**Number**” textbox is used for the number of the workplace.

The “**Name**” textbox is used for the name of the workplace.

The “**Department**” box is used to set department for which this operation is available. The field is disabled. The department can be choosing by the button in the right side of the “**Department**” field. After click on the button the “Departments” window appears.

Add/Update Warehouse

The “**Warehouses**” window is used for managing the warehouses. The “**Warehouses**” window is the common “Intuitive” window, which gives information about all the warehouses:

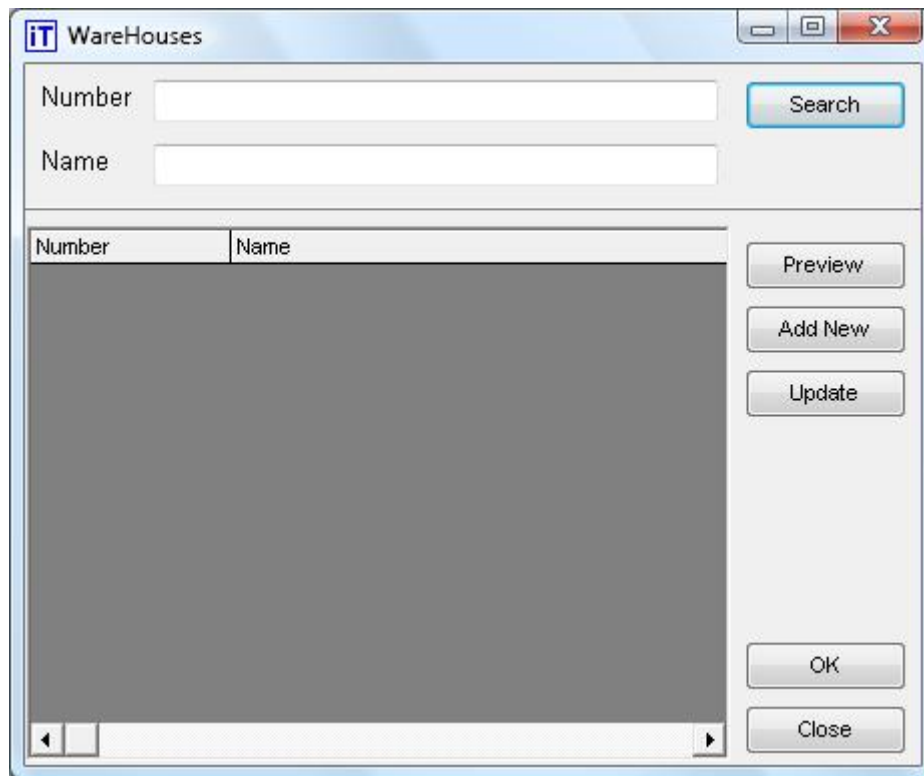


fig. 66 The Warehouses window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new warehouse.

The “**Update**” button is needed to update the selected in the list warehouse.

The “**Preview**” (or double click on the list) button is used for preview of the selected warehouse.

The “**OK**” button is used to confirm the selected warehouse, and to give it back to the window, which is calling the “**Warehouses**” window.

The “**Close**” button is used to hide the “**Warehouses**” window.

When the **intuality™** system is started for the first time, there are no warehouses in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Warehouse**” window to add new, update or preview the warehouse and the Rules set for this warehouse:

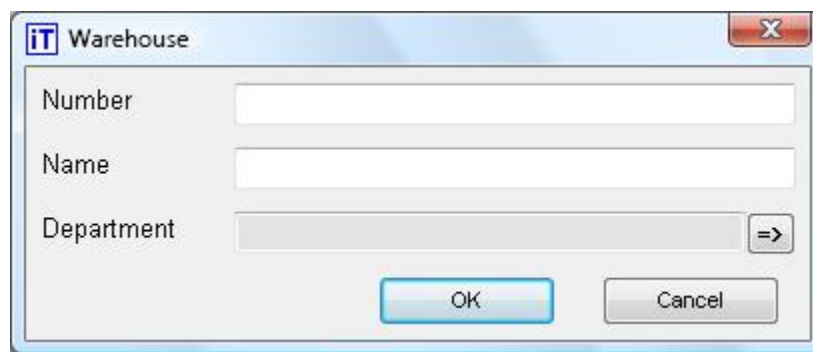
The image shows a software window titled "Warehouse" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there are three text input fields stacked vertically, labeled "Number", "Name", and "Department". The "Department" field is disabled, indicated by a greyed-out appearance, and has a small button with "=>" next to it. At the bottom of the window, there are two buttons: "OK" and "Cancel".

fig. 67 The Warehouse window

The “**Number**” textbox is used for the number of the workplace.

The “**Name**” textbox is used for the name of the workplace.

The “**Department**” box is used to set department, where the warehouse is located. The field is disabled. The department can be choosing by the button in the right side of the “**Department**” field. After click on the button the “**Departments**” window appears.

Add/Update Test

The tests are required for Quality control. The “**Tests**” window is used for managing the tests. The “**Tests**” window is the common “Intuitive” window, which gives information about all the tests:

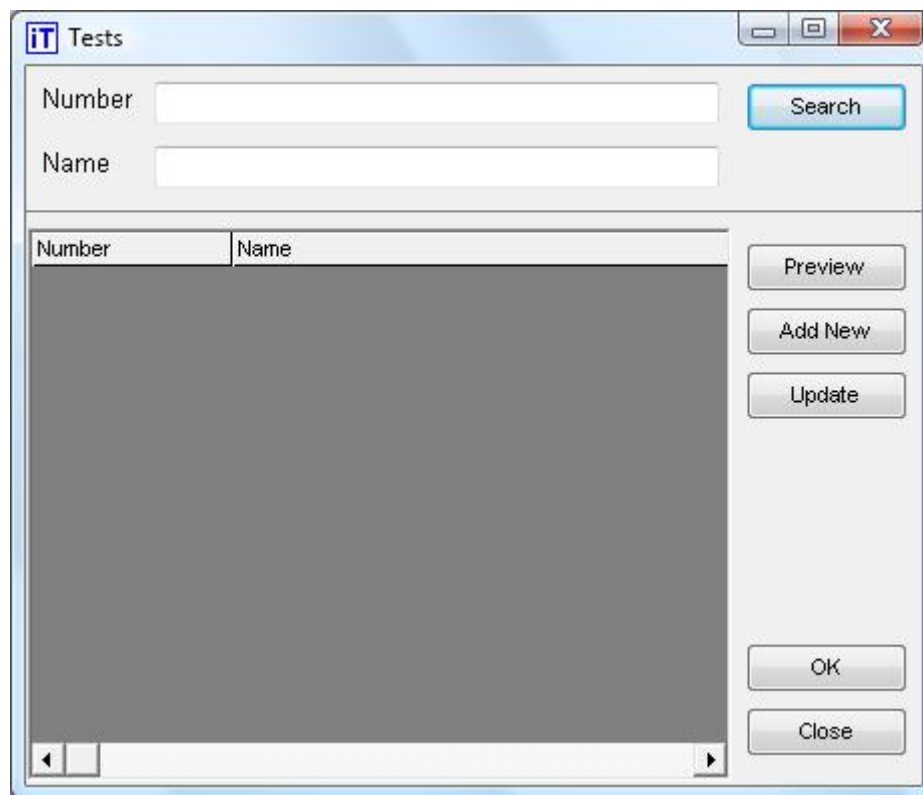


fig. 68 The Tests window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new test.

The “**Update**” button is needed to update the selected in the list test.

The “**Preview**” (or double click on the list) button is used for preview of the selected test.

The “**OK**” button is used to confirm the selected test, and to give it back to the window, which is calling the “**Tests**” window.

The “**Close**” button is used to hide the “**Tests**” window.

When the **intuality™** system is started for the first time, there are no tests in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Test**” window to add new, update or preview the criteria and the Rules set for this test. The “**Test**” window is depending on the test type:

Check-All test type

The “Check-All” type is used in Quality Control for check of all the lot number.

The screenshot shows the 'Test' window with the following details:

- Test Type:** Check All
- Article Criteria Table:**

Number	Name
--------	------
- Result Test Type:** Normal
- Normal Block Type:** Block
- Acceptance Number:** 0
- Rejection Number:** 1

fig. 69 The Check-All Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click on the “**Add New**” button. The “Delete” button can delete the existing criterion. To add new criterion the User has to click on the “**Add New**” button and the “**Criteria**” window will appear, choose the criterion and click on the “**OK**” button to confirm the selection and the selected criterion will appear in the criteria area.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**Acceptance Number**” is used to set the number of the items for which the test will be successful.

The “**Rejected Number**” is used to set the number of the items for which the test will be not successful. The “**Rejected Number**” is equal to “**Acceptance Number**” + 1.

Check-One test type

The “Check-One” type is used in Quality Control for check of one item in the lot. This kind of test is useful if the material is liquid.

The screenshot shows the 'Test' window with the following elements:

- Number:** A text box for entering the test number.
- Test Type:** A dropdown menu currently set to 'Check One'.
- Name:** A text box for entering the test name.
- Description:** A text area for entering the test description.
- Document:** A text box with a right-pointing arrow button for selecting a document.
- Link:** A text box for entering a web link.
- Article Criteria:** A table with columns 'Number' and 'Name'. Below the table are buttons 'Add new', 'Delete', and 'Block'.
- Result Test Type:** A dropdown menu currently set to 'Normal'.
- Normal Block Type:** A dropdown menu currently set to 'Block'.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

fig. 70 The Check-One Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click on the “**Add New**” button. The “Delete” button can delete the existing criterion. To add new criterion the User has to click on the “**Add New**” button and the “**Criteria**” window will appear, choose the criterion and click on the “**OK**” button to confirm the selection and the selected criterion will appear in the criteria area.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**Acceptance Number**” is used to set the number of the items for which the test will be successful.

The “**Rejected Number**” is used to set the number of the items for which the test will be not successful. The “**Rejected Number**” is equal to “**Acceptance Number**” + 1.

Attribute Sampling test type

The “Attribute Sampling” type is used in Quality Control for check of part of the lot number. The rules for this kind of test are set in the intelligent algorithm, which can take alone the decision about the sample size, acceptance number and rejected number for every step.

The screenshot shows the 'it Test' window with the following details:

- Number:** [Empty text box]
- Name:** [Empty text box]
- Description:** [Empty text area]
- Test Type:** Attribute Sampling (dropdown)
- Article Criteria:** Table with columns 'Number' and 'Name'. It is currently empty.
- Document:** [Empty text box] with a button to open the document.
- Link:** [Empty text box]
- Result Test Type:** Normal (dropdown)
- Normal Block Type:** Block (dropdown)
- Attribute Sampling:**
 - Sampling Plan:** Single (dropdown)
 - AQL Factor:** 0.015 (dropdown)
 - ☒ Depending on the supplier (Ware Income ONLY)
 - Inspection Level:** Tightened (dropdown)
 - Inspection:** Tightened (dropdown)
 - Switch:** 2 of 5
 - Lock:** 10 of 10
 - Reduced:** [Visible but not selected]

fig. 71 The Attribute Sampling Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click

on the **“Add New”** button. The **“Delete”** button can delete the existing criterion. To add new criterion the User has to click on the **“Add New”** button and the **“Criteria”** window will appear, choose the criterion and click on the **“OK”** button to confirm the selection and the selected criterion will appear in the criteria area.

The **“Result Test Type”** shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The **“Normal Block Type”** shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The **“Sampling Plan”** is used to set the type of sampling plan.

The **“AQL Factor”** is used to set the value for Acceptable Quality Level.

The **“Inspection”** section is used to set the rules for automatic switching between the inspections.

The **“Depending on the supplier”** checkbox is used to in Ware Income inspection only. If is checked, the computer will take decision for switch between the inspections, depending on the supplier. If is not checked, the computer will take common (does not depend the supplier) decision for switch between the inspections.

Variable Sampling test type

The **“Variable Sampling”** type is used in Quality Control for check of part of the lot number. The rules for this kind of test are set in the intelligent algorithm, which can take alone the decision about the sample size, acceptance number and rejected number for every step.

The screenshot shows the 'Variable Sampling Test' window. It has a title bar with 'it Test' and a close button. The main area is divided into several sections. On the left, there are fields for 'Number', 'Name', 'Description', 'Document', and 'Link'. To the right of these are 'Test Type' (a dropdown menu set to 'Variable Sampling'), 'Variable Criterion' (a text field with a search button), and 'Block Type' (a dropdown menu set to 'Block'). Below these are 'Result Test Type' (a dropdown menu set to 'Normal') and 'Normal Block Type' (a dropdown menu set to 'Block'). In the center, there is a 'Variable Sampling' section with 'Sampling Plan' (a dropdown menu set to 'Single') and 'Method' (a dropdown menu set to 'S method'). Below this is a checkbox labeled 'Depending on the Supplier (Ware Income Inspection ONLY)' which is checked. To the right of the checkbox are 'Check By' (a dropdown menu set to 'Both'), 'Lower AQL' (a dropdown menu set to '1.5'), and 'Upper AQL' (a dropdown menu set to '2.5'). At the bottom, there is a table with three rows: 'Tightened', 'Normal', and 'Reduced'. Each row has three columns: 'Inspection Level', 'Inspection', and 'Switch'. The 'Inspection Level' column has dropdown menus set to 'II'. The 'Inspection' column has dropdown menus set to 'Tightened', 'Normal', and 'Reduced'. The 'Switch' column has text boxes showing '2 of 5', '10 of 10', and '0 of 10' respectively. There are also 'Lock' buttons next to the 'Switch' column. At the bottom right, there are 'OK' and 'Cancel' buttons.

fig. 72 The Variable Sampling Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criterion**” is used for the criterion, corresponding to the current test. The User chooses the criterion by the button in the right side of the “**Criterion**” field. After click on the button the

“**Criteria**” window appears. The criterion is saved in the database and the User can open it by double click on the field.

The “**Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**Sampling Plan**” is used to set the type of sampling plan.

The “**Method**” is used to set the method for Variable Sampling test type.

The “**Lower AQL**” is used to set the value for Acceptable Quality Level for lower border.

The “**Upper AQL**” is used to set the value for Acceptable Quality Level for upper border.

The “**Check By**” is used to set for which level to make the check – lower or upper.

The “**Inspection**” section is used to set the rules for automatic switching between the inspections.

The “**Depending on the supplier**” checkbox is used to in Ware Income inspection only. If is checked, the computer will take decision for switch between the inspections, depending on the supplier. If is not checked, the computer will take common (does not depend the supplier) decision for switch between the inspections.

Designed Sampling test type

The “Designed Sampling” type is used in Quality Control for check of part of the lot number. The rules for this kind of test are set in the intelligent algorithm, which can take alone the decision about the sample size, acceptance number and rejected.

The screenshot shows the 'it Test' window with the 'Designed Sampling' section active. The 'Test Type' is set to 'Designed Sampling'. The 'Designed Sampling' section includes input fields for AQL (0,005), LTPD (0,05), Producer's Risk (0,06), and Consumer's Risk (0,1), along with a 'Design' button. On the right, there is an 'Article Criteria' table with columns 'Number' and 'Name', and buttons for 'Add new', 'Delete', and 'Block'. Below this are 'Result Test Type' (Normal) and 'Normal Block Type' (Block) dropdowns. A 'Distribution' section has radio buttons for 'Binomial' (selected), 'Poisson', and 'Hypergeometric'. At the bottom are 'OK' and 'Cancel' buttons.

fig. 73 The Designed Sampling Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click

on the “**Add New**” button. The “Delete” button can delete the existing criterion. To add new criterion the User has to click on the “**Add New**” button and the “**Criteria**” window will appear, choose the criterion and click on the “**OK**” button to confirm the selection and the selected criterion will appear in the criteria area.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**AQL**” is used to set the Acceptable Quality Level.

The “**LTPD**” is used to set the Lot Tolerance Percent Defective.

The “**Consumer’s Risk**” is used to set the Consumer’s Risk.

The “**Producer’s Risk**” is used to set the Producer’s Risk.

The “**Distribution**” section is used to set the type of Operating Curve, which will be used.

For better design the user can click on the “**Design**” button and “**Distribution Test**” window will appear.

User Defined test type

The “User defined” type is used in Quality Control for check of part of the lot number. The rules for this kind of test are set in the table. For every step user can define sample size, acceptance number and rejected number.

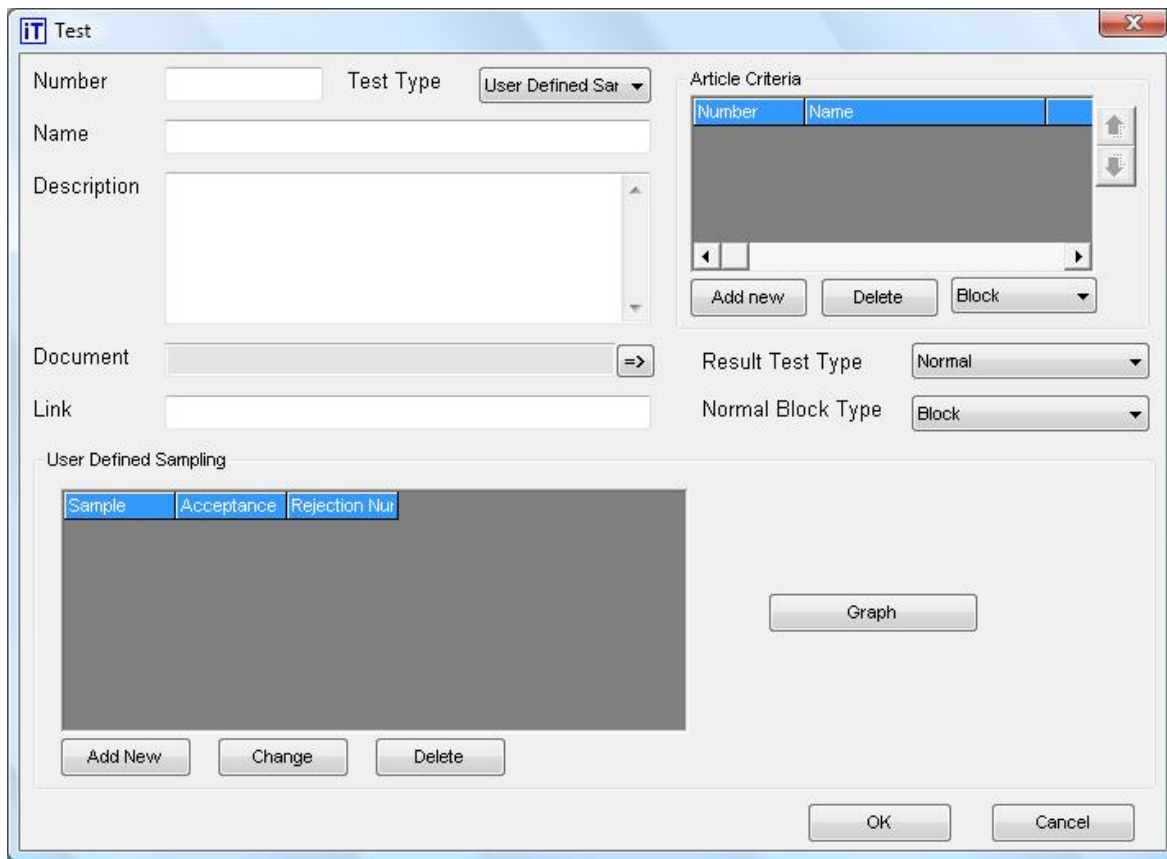


fig. 74 The Designed Sampling Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click

on the “**Add New**” button. The “Delete” button can delete the existing criterion. To add new criterion the User has to click on the “**Add New**” button and the “**Criteria**” window will appear, choose the criterion and click on the “**OK**” button to confirm the selection and the selected criterion will appear in the criteria area.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**User Defined**” window shows the steps for current Quality control. The new step can be added thru the click on the “**Add New**” button. The “Delete” button can delete the existing step. To add new step the User has to click on the “**Add New**” button and the “**Design Sampling Plan Step**” window will appear, where the User can type the sample size, acceptance number and rejected number. The “**Change**” button is used to change the current step.

For better design the user can click on the “**Graph**” button and “**Distribution Test**” window will appear.

No Control test type

The “No Control” type is used to collect data without Quality Control.

The screenshot shows the 'it Test' window with the 'Test Type' set to 'No Control'. The window contains several input fields and a table. The 'Number' field is empty. The 'Name' field is empty. The 'Description' field is a large text area. The 'Document' field has a button with an arrow pointing right. The 'Link' field is empty. The 'Subgroup Sample Size' field contains the value '1'. The 'Subgroups Number' field contains the value '1'. The 'Sample Size' field contains the value '1'. The 'Article Criteria' table has two columns: 'Number' and 'Name'. The table is currently empty. Below the table are buttons for 'Add new', 'Delete', and 'Block'. The 'Result Test Type' dropdown is set to 'Normal'. The 'Normal Block Type' dropdown is set to 'Block'. At the bottom right are 'OK' and 'Cancel' buttons.

Number	Name
--------	------

fig. 75 The No Control Test window

The “**Number**” textbox is used for the number of the test.

The “**Name**” textbox is used for the name of the test.

The “**Description**” textbox is used to set the description of the test.

The “**Test type**” is used to set the type of the test.

In the “**Link**” field the User can enter the link to Internet WEB site, where can be found information of the test. Double click on the “**Link**” automatically open the current WEB site.

The “**Document**” is used for the document, corresponding to the current test. The User chooses the document by the button in the right side of the “**Document**” field. After click on the button the “**Document**” window appear. The document is saved in the database and the User can open it by double click on the field.

The “**Criteria**” window shows the criteria needed for this test for Quality control and gives information to the User what have to be measured. The new criterion can be added thru the click

on the “**Add New**” button. The “Delete” button can delete the existing criterion. To add new criterion the User has to click on the “**Add New**” button and the “**Criteria**” window will appear, choose the criterion and click on the “**OK**” button to confirm the selection and the selected criterion will appear in the criteria area.

The “**Result Test Type**” shows the result of the tested items. In case of normal type the items, which are outside of the criteria will go in Isolator and other will go in Store. In case of crash type all the tested items will go in Isolator. In case of “take all” type all the tested items will go in Store.

The “**Normal Block Type**” shows the color of the tested items, which are outside of the criteria and will go in Isolator, in case of Normal result test type. In case of Block the items will be with yellow color. In case of Stop, the items will be with red color in Isolator.

The “**Subgroup Sample size**” is used to set the size of subgroup.

The “**Subgroup Number**” is used to set the number of subgroups.

The “**Sample size**” box shows the size of the sample.

Add/Update Criterion

The criteria are used for Ware Income control. All the Materials have to have criteria for Quality control.

The “**Criteria**” window is used for managing the criteria. The “**Criteria**” window is the common “Intuitive” window, which gives information about all the criteria:

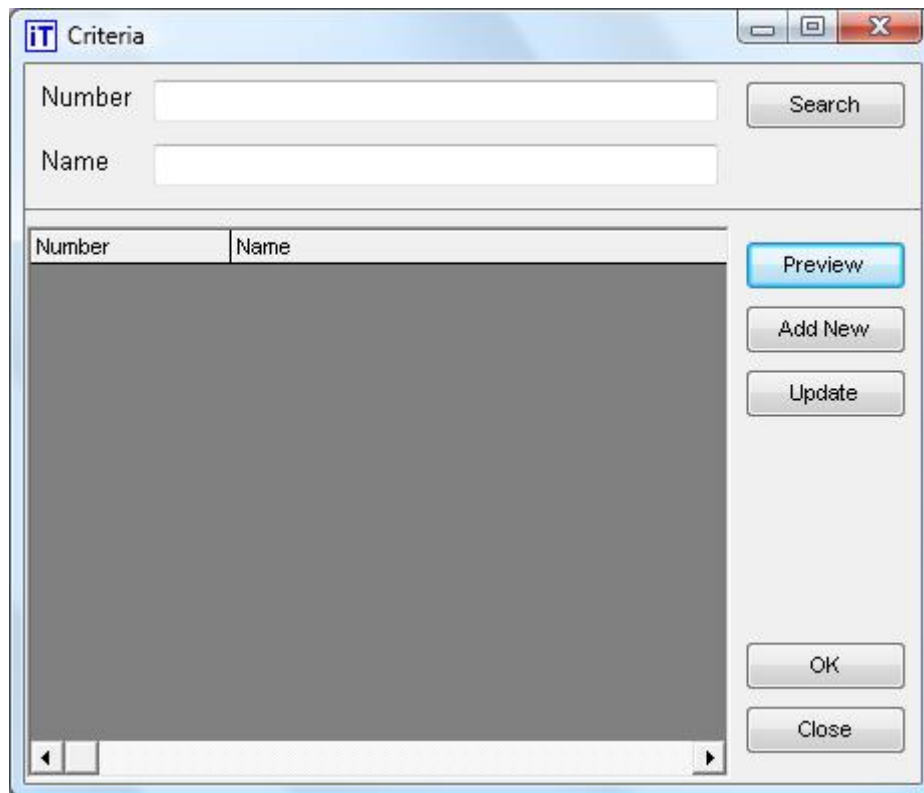


fig. 76 The Criteria window

The searching by given criteria for Name and Number is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new criterion.

The “**Update**” button is needed to update the selected in the list criterion.

The “**Preview**” (or double click on the list) button is used for preview of the selected criterion.

The “**OK**” button is used to confirm the selected criterion, and to give it back to the window, which is calling the “**Criteria**” window.

The “**Close**” button is used to hide the “**Criteria**” window.

When the **intuality**™ system is started for the first time, there are no criteria in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Criterion**” window to add new, update or preview the criterion and the Rules set for this criterion:

fig. 77 The Criterion window

The “**Number**” textbox is used for the number of the criterion.

The “**Name**” textbox is used for the name of the criterion.

The “**Description**” textbox is used to set the description of the criteria.

The “**Criterion**” can have two types:

- “**Value**” type – it is used for the Quality control. The Quality control must check the measured numerical value of material. The range of warrantable values, the User can set in “**From**”, “**To**” fields, where the “**From**” value is the minimal and the “**To**” value is maximal. The “**Default**” value field is used to set the default or “expected” value of measurement. By example, if the User must check 100 pieces from Material, and the User found only one bad value, all other 99 measurement value are correct

(expected), the User will enter only the bad value. And the User will save a lot of time for Quality control.

- **“Yes/No”** type – it is used for the Quality control. This type of values can be “correct” or “not correct”. By example the visual control can be “correct” or “not correct”. The User can set the default value in the Yes/No radio button.

The **“Drawing”** window shows the drawing needed for this criterion for Quality control and give information to the User what have to be measured. The new drawing can be added thru the click on the **“Add New”** button. The **“Delete”** button can delete the drawing for this criterion. To add new drawing the User has to click on the **“Add New”** button and the **“Drawings”** window will appear, choose the drawing and click on the **“OK”** button to confirm the selection and the selected drawing will appear in the drawing area.

The **“Tool”** is used to show the User the used tool in the measurement for this criterion. The field is grey, because is disabled. The tool can be choosing by the button in the right side of the **“Tool”** field. After click on the button the **“Tools”** window appear.

Ware Income Inspection

The Ware income Inspection is used for Ware Income Quality control and can be started from “**Ware Income**” menu.

Add/Update Delivery

The “**Delivery**” is a delivery of material and one delivery can contains more than one invoice.

The “**Deliveries**” window is used for managing the deliveries. The “**Deliveries**” window is the common “Intuitive” window, which gives information about all the deliveries:

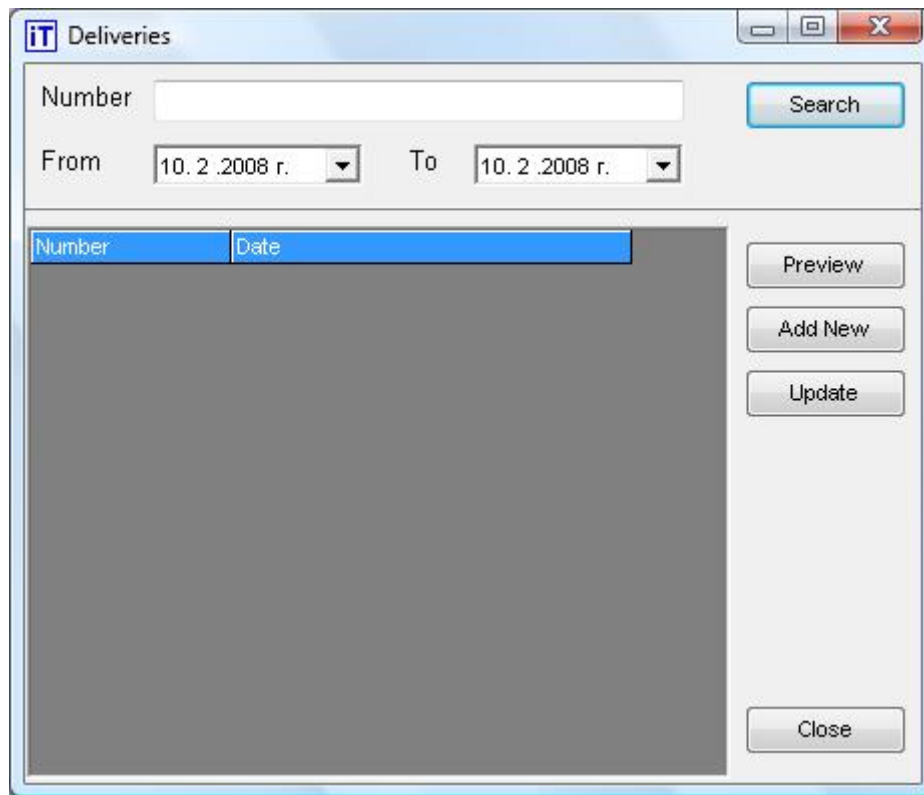


fig. 78 The Deliveries window

The searching by given criteria for Name and Date is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new delivery.

The “**Update**” button is needed to update the selected in the list delivery.

The “**Preview**” (or double click on the list) button is used for preview of the selected delivery.

The “**OK**” button is used to confirm the selected delivery, and to give it back to the window, which is calling the “**Deliveries**” window.

The “**Close**” button is used to hide the “**Deliveries**” window.

When the **intuality**™ system is started for the first time, there are no deliveries in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Criteria**” window to add new, update or preview the delivery and the Rules set for this delivery:

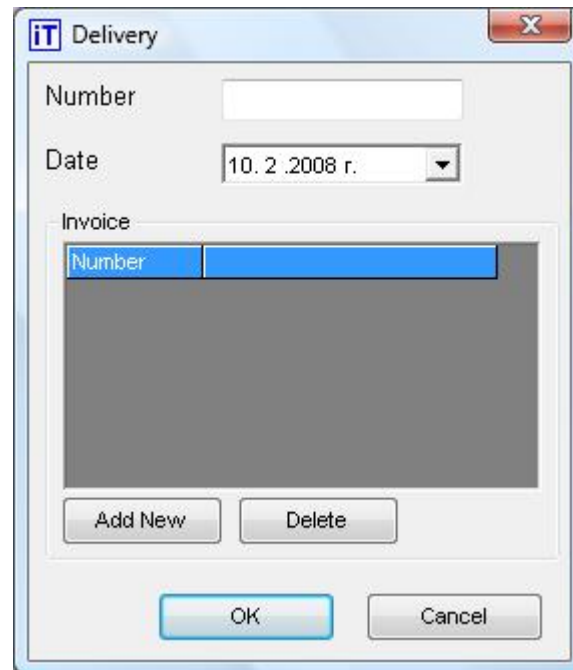


fig. 79 The Delivery window

The “**Number**” textbox is used for the number of the criteria.

The “**Date**” drop-down calendar is used for the date of the delivery.

The “**Invoice**” section shows the list with all the invoices included in the current delivery. The invoices are described with number and date. The new invoice can be added thru the click on the “**Add New**” button. The existing invoice can be deleted from delivery by the “**Delete**” button. To delete invoice from the current delivery, the User have to select the invoice from the list below and to click on “**Delete**” button.

Add Invoice

The “**Invoices**” window is used for managing the invoices. The “**Invoices**” window is the common “Intuitive” window, which gives information about all the invoices:

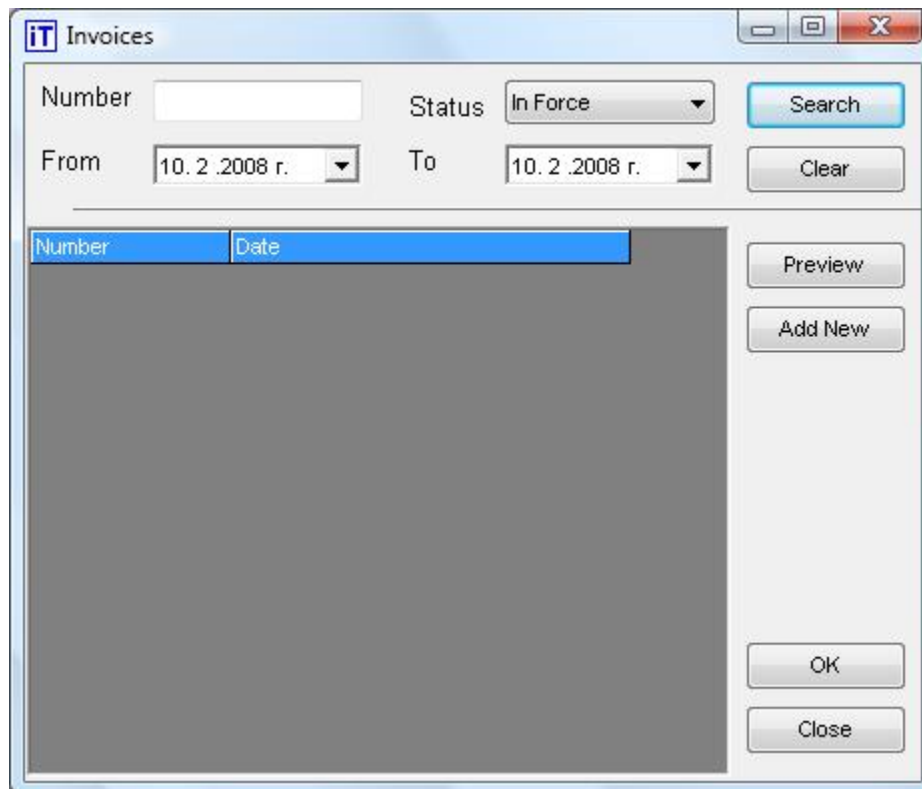


fig. 80 The Invoices window

The searching by given criteria for Name, Status and Date is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new invoice.

The invoice is the unique document. For this reason the Invoice cannot be updated.

The “**Preview**” (or double click on the list) button is used for preview of the selected invoice.

The “**OK**” button is used to confirm the selected invoice, and to give it back to the window, which is calling the “**Invoices**” window.

The “**Close**” button is used to hide the “**Invoices**” window.

When the **intuality™** system is started for the first time, there are no invoices in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Invoice Row**” window to add new, update or preview the invoice row and the Rules set for this invoice row:

The screenshot shows the 'Invoice' window with the following details:

- Title Bar:** iT Invoice
- Fields:**
 - Number: [Empty]
 - Date: 10. 2 .2008 r.
 - Currency: EUR
 - Type: Invoice
 - Supplier: [Empty]
- Buttons:** Add New, Delete
- Table:**

Number	Name	Units	Quantity	Price Per Unit	Price
--------	------	-------	----------	----------------	-------
- Summary Fields:**
 - Price: [Empty] EUR
 - Tax: 0 %
 - TotalPrice: [Empty] EUR
- Bottom Buttons:** OK, Close

fig. 81 The Invoice window

The “**Number**” textbox is used for the number of the invoice.

The “**Currency**” textbox is used for the currency of the invoice.

The “**Date**” textbox is used for the date of the invoice.

The “**Type**” textbox is used for the type of the invoice.

The “**Supplier**” is used for the supplier. The field is grey, because is disabled. The supplier can be choosing by the button in the right side of the “**Supplier**” field. After click on the button the “**Suppliers**” window appear. After choosing the supplier, in the field “**Supplier**” will be appear the number and the name of the supplier.

The “**Tax**” textbox is used for the tax of the invoice. The **intuality™** system get the default “**Tax**” from the “**Properties**” window.

The “**Invoices**” window shows the list with all the materials included in the current invoice. The used materials are described with number, name, units, quantity, price per unit and price. The new material can be added thru the click on the “**Add New**” button. The existing material can be deleted from invoice by the “**Delete**” button. To delete material from the current invoice, the User have to select the material from the list below and to click on “**Delete**” button.

To add new material User has to click on the “**Add New**” button and the “**Invoice Row**” window is appear:

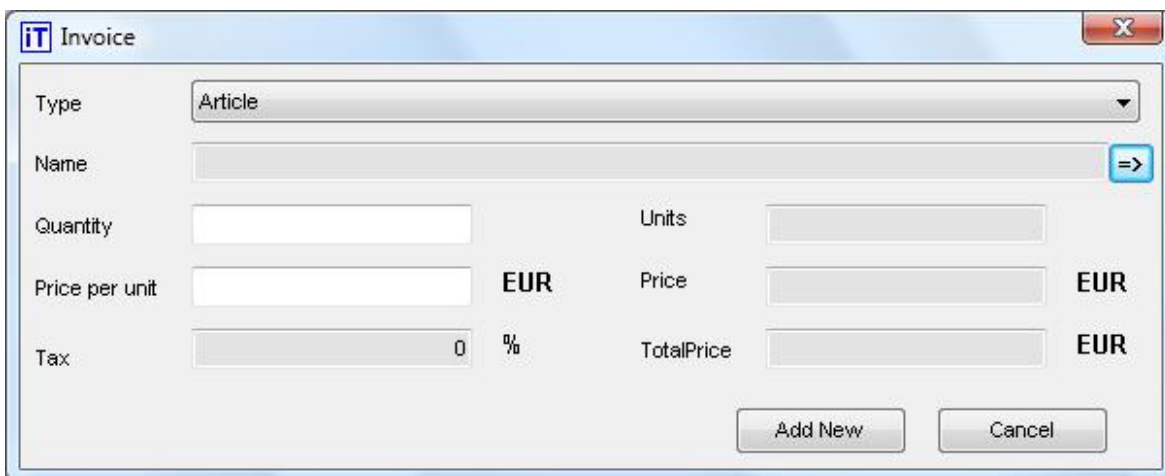


fig. 82 The Invoice Row window

From the “**Type**” drop-down list User can choose the type of material – article, consumable, etc...

The “**Name**” is used for the material. The field is grey, because is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Name**” field. After click on the button, depending on the “**Type**” drop-down list the current window appear. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field “**Name**” will be appear the number and the name of the material and in the field “**Unit**” the unit for the current material will appear.

In the “**Price per Unit**” text box the User can enter the price per unit of the current material.

In the “**Quantity**” text box the User have to enter the quantity – how many units from the current material are delivered.

The Ware Income Quality control

The Ware Income Quality control can be done after clicking on the Ware Income menu and depends on the material. The Ware Income wizard is responsible about the Ware Income Quality control. The Wizard is high-level intelligent mechanism, which contains several steps. The steps count is depending on the material type. The Wizard contains the “**Back**”, “**Next**”, “**Finish**” and “**Cancel**” buttons:

- “**Cancel**” button – If the User wants to cancel the Wizard, he/she has to click on the “**Cancel**” button. The Wizard will finish without any changes into the database.
- “**Next**” button – If the User are entered all the needed information, and the User are ready to go to the next step, he/she has to click on the “**Next**” button. Depending on the step the **intuality**™ system will do the control and if everything is correct, the Wizard will go to the next step. If the control find the problems, the message will appear and the Wizard will stop in the same step;
- “**Back**” button – If the User wants to go back to see any information or the User wants to change anything, he/she has to click on the “**Back**” button. The “**Back**” button is disabled on the first step
- “**Finish**” button – The button “**Finish**” is disabled. In the end Wizards step the button is enabled, instead of the “**Next**” button. After click on the “**Finish**” button the **intuality**™ system will perform check on all the entered information, and if everything is correct, the **intuality**™ system will do the changes into the database and will save all the entered information for future uses.

The Initial step

The screenshot shows a software window titled 'Ware income'. On the left side, there is a vertical banner with the text 'intuality' in blue and 'Quality Control' in red. The main area of the window contains several input fields and buttons:

- Article:** A text input field followed by a blue button with an arrow pointing right (=>).
- Test:** A table with three columns: 'Number', 'Name', and 'Test'. The table is currently empty.
- Invoice:** A text input field followed by a blue button with an arrow pointing right (=>).
- Invoice Quantity:** A text input field.
- Rest Quantity:** A text input field.
- Quantity:** A text input field.

At the bottom of the window, there are four buttons: 'Cancel', '< Back', 'Next >', and 'Finish'.

fig. 83 The Initial step

The first field is used for the material. The material, depending on the menu, can be choosing by the button in the right side, or the User can directly enter the number. After click on the button, depending on the menu the current window appears. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field will be appear the number and near to field will appear the material name.

In the “Test” list the User can see the all-available test for the current article. The User can select the test for the current Quality control.

The “**Invoice**” field is used for the current invoice, which is the document, which describing the material. The invoice can be choosing by the button in the right side, or the User can directly enter the number in the field. After click on the button, the “**Invoices**” window appears. After choosing the invoice, in the field will be appear the number of the invoice and under the field will appear the date of the invoice.

The “**Quantity**” field is filled automatically, depending on the material and the invoice. The User can change the quantity.

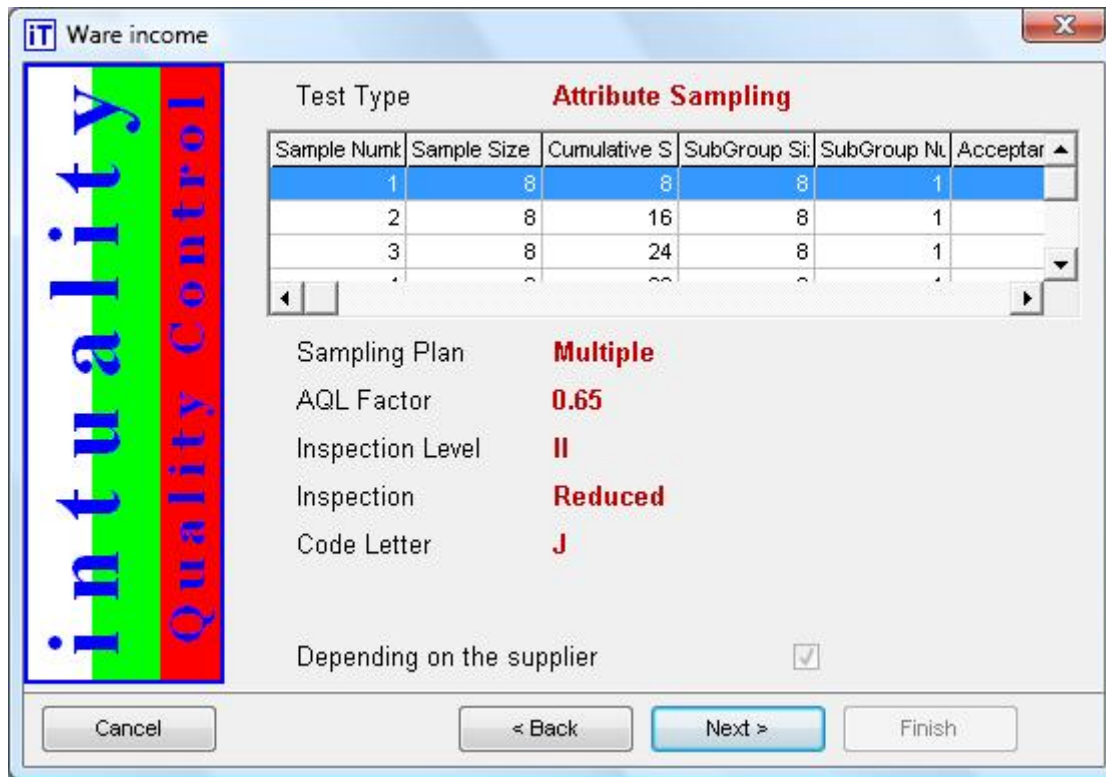
The Supplier step

Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

fig. 84 The Supplier step

The **“Supplier”** field is used for the supplier of the material. The supplier can be choosing by the button in the right side, or the User can directly enter the number in the field. After click on the button, the **“Suppliers”** window appears. After choosing the supplier, in the field will be appear the number of the supplier, under the field will appear the name of the supplier and under the **“Correct”** automatically will appear the **“Code”** which was set in the **“Supplier”** section of the **“Article”** window. The User has to approve, that the **“Code”** is correct. In the list will appear supplier Evaluation. The User can use the **“Change”** button to change any or all the conditions in the list

The Quality Control information step



Ware income

Test Type: **Attribute Sampling**

Sample Numk	Sample Size	Cumulative S	SubGroup Si	SubGroup Nt	Acceptar
1	8	8	8	1	
2	8	16	8	1	
3	8	24	8	1	

Sampling Plan: **Multiple**

AQL Factor: **0.65**

Inspection Level: **II**

Inspection: **Reduced**

Code Letter: **J**

Depending on the supplier ☒

Buttons: Cancel, < Back, Next >, Finish

fig. 85 The Quality Control information step

This is information step. Depending on the quantity and chosen test in the first step and the existing data in the Database, the **intuality™** will take decision about the sample size. All the required information will be displayed in this step. In case of Variable sampling and sigma method, the User will have possibility to enter the sigma. In the list above the User can see the step count and and useful information for every step.

The Criteria step

Ware income

Criteria: 1 Visual Blocked

Tool: 1 Tool

Value: From Yes To No

☒ Yes ☐ No

1	Yes	Yes	33
2	Yes	Yes	33
3	Yes	Yes	33
4	Yes	Yes	33
5	Yes	Yes	33
6	Yes	Yes	33
7	Yes	Yes	33

Direction: ☒ ↓ ☐ →

Import

<< >> Accepted

Cancel < Back Next > Finish

fig. 86 The Criteria control step

In list of the Criteria step, User has to enter the data for Quality control. The count of the rows is depending on the count for every step. The count of the columns in the list is depending on the Criteria for the current material. When User changes the column, he/she can see the information for every criterion above in the grey fields (Criterion name, Tool Values and drawing). When the current value is entered in the white field, the selection in the list automatically is changed depending on the direction choice. The direction can be down or right – it is similar to check of every piece of material. If the check is by criteria of every piece, the direction is down. If the check is – all criteria of every piece of material, the check is right.

When some material is outside the limits the current row has yellow or red color. The buttons “<<” and “>>” are used to change the step in case of double or multiple sampling plan. The “Import” button is used to import data in the selected column.

The Statistic step

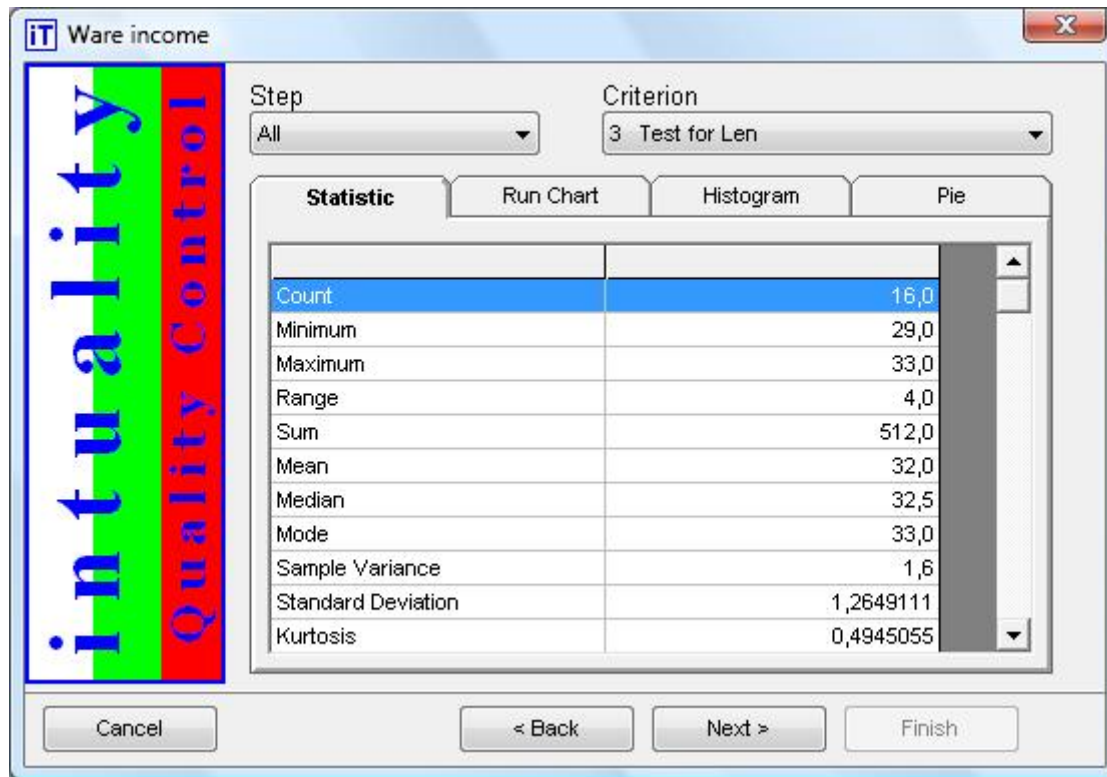


fig. 87 The Statistic step

This statistic step is information step. The User can take information about the statistic parameters and graphic information. The User can change criterion in “**Step**” drop-down list. The criterion can be changed in “**Criterion**” drop-down list

The Block step

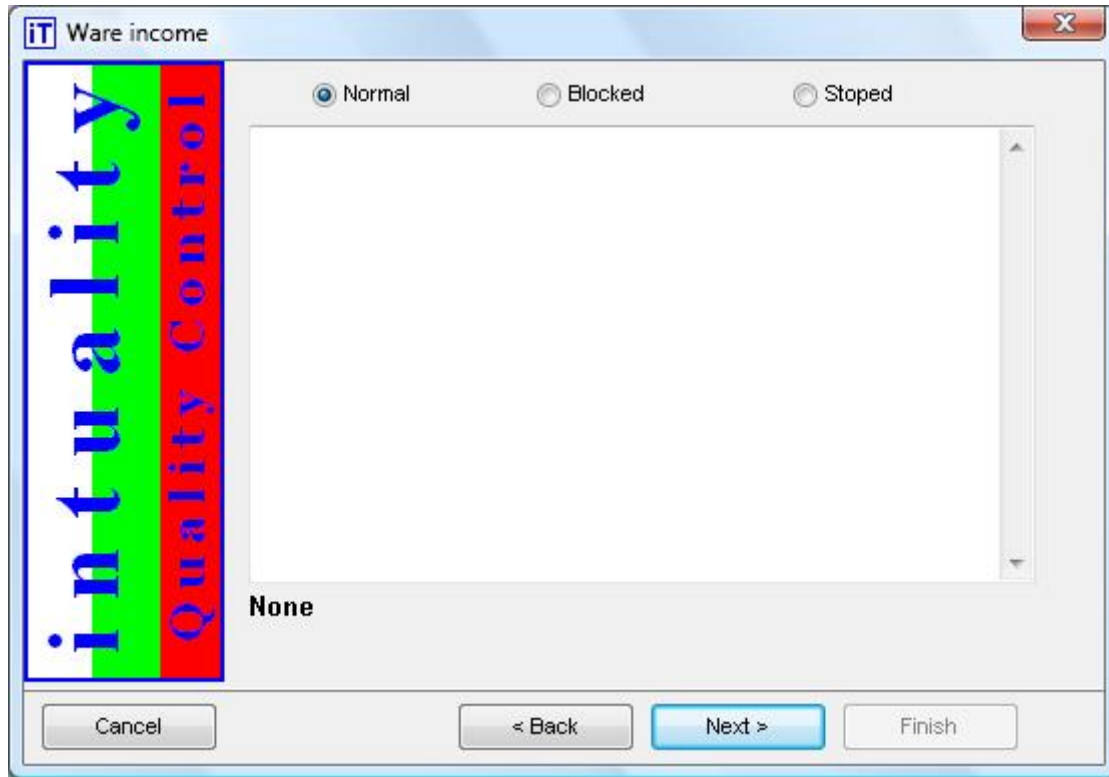


fig. 88 The Block step

The Block step is used to give information about the result of Quality control. If the result is in limits the text has black color and the field for block reason is disabled. If the material is out of the limits, but is possibilities to be used, the text has yellow color. If the material is out of the limits and cannot be used, the text has red color.

The User can block material in this step by the radio buttons in the top of this step. The **“Blocked”** is that material is not good, but there are possibilities to be used (yellow color). The **“Stopped”** buttons, that the material cannot be used (red color).

If the material is blocked or stopped, the User can enter the reason in the white field.

The Dispatch step

Number	Name	Warehouse 1	Warehouse 2	Warehouse 3
--------	------	-------------	-------------	-------------

fig. 89 The Dispatch step

The Dispatch step is used to be dispatched the material, depending of the product. In this step the User has possibility to set the barcode of every part of the delivery. The Barcodes are needed for traceability of every part of the material. The User has possibility to enter the Lot Number for all the delivery.

The “**Product**” section shows the list with all the products for which the current material can be used. The products are described with number and name. The new product can be added thru the click on the “**Add New**” button. The “**Delete**” button can delete the existing product. To delete product, the User have to select the product from the list and to click on “**Delete**” button.

The sum of all the quantities has to be equal to the delivered quantity. The green quantity is the quantity, which has to be booked in the warehouse. The red quantity is the quantity, which has to be booked in the isolator. The **intuality™** system will automatically calculate the quantity depending on the test type and the result of the inspection.

When the User wants to add new product, he/she has to click on the “**Add New**” button. And the Barcode window will appear:

The screenshot shows a software window titled "Income Info". It contains the following elements:

- BarCode**: A text input field.
- Count**: A text input field containing the number "1".
- Quantity**: A text input field.
- Product**: A disabled text input field with a right-pointing arrow button next to it.
- Warehouse**: A disabled text input field with a right-pointing arrow button next to it.
- Expiry Date**: A date picker showing "17.2.2008 r.".
- Isolator**: A checkbox.
- Type**: A dropdown menu currently showing "Product".
- RoHS**: A checkbox.
- Change**: A button located below the RoHS checkbox.
- OK** and **Cancel**: Buttons at the bottom right of the window.

fig. 90 The Barcode window

On this window the User can set the quantity and the count (to dispatch the quantity). The “**Product**” is used to show the product. The field is disabled. The product can be chosen by the button in the right side of the “**Product**” field. After clicking on the button the “**Products**” window appears. The User can choose the product type (product, sub module) from “**Type**” drop-down list.

The “**Warehouse**” is used to show the warehouse. The field is disabled. The warehouse can be chosen by the button in the right side of the “**Warehouse**” field. After clicking on the button the

“**Warehouse**” window appears. In case if the “**Isolator**” checkbox is selected the user has to chose the warehouse if the material will book out from Isolator.

The “**Isolator**” check box is used to set the material in Isolator or in warehouse.

In “**Extra Info**” section the User can enter required in rules extra info by click on “**Change**” button.

The User have possibility to set the Expiry date, Period and Period type, also.

The Rejected Materials (returned Products) management

The Rejected materials management can be done after clicking on the Rejected materials menu. The Rejected material Wizard contains 2 steps. The Wizard contains the “**Back**”, “**Next**”, “**Finish**” and “**Cancel**” buttons:

- “**Cancel**” button – If the User wants to cancel the Wizard, he/she has to click on the “**Cancel**” button. The Wizard will finish without any changes into the database.
- “**Next**” button – If the User is entered all the needed information, and the User are ready to go to the next step, he/she has to click on the “**Next**” button. Depending on the step the **intuality**™ system will do the control and if everything is correct, the Wizard will go to the next step. If the control find the problems, the message will appear and the Wizard will stop in the same step;
- “**Back**” button – If the User wants to go back to see any information or the User wants to change anything, he/she has to click on the “**Back**” button. The “Back” button is disabled on the first step
- “**Finish**” button – The button “**Finish**” is disabled. In the end Wizards step the button is enabled, instead of the “**Next**” button. After click on the “**Finish**” button the **intuality**™ system will perform check on all the entered information, and if everything is correct, the **intuality**™ system will do the changes into the database and will save all the entered information for future uses.

The Initial step

The screenshot shows a software window titled "Ware income" with a standard Windows-style title bar (minimize, maximize, close buttons). On the left side of the window is a vertical banner with the text "intuality" in blue on a green background and "Quality Control" in blue on a red background. The main area of the window contains several input fields and buttons:

- Article:** A text input field followed by a blue button with a right-pointing arrow.
- Test:** A section containing a table with three columns: "Number", "Name", and "Test". The table body is currently empty.
- Invoice:** A text input field followed by a blue button with a right-pointing arrow.
- Invoice Quantity:** A text input field.
- Rest Quantity:** A text input field.
- Quantity:** A text input field.

At the bottom of the window, there are four buttons: "Cancel", "< Back", "Next >", and "Finish".

fig. 91 The Initial step

The first field is used for the product. The product can be choosing by the button in the right side, or the User can directly enter the number. After click on the button, the current **"Products"** window appears. After choosing the product, in the field will be appear the number and near to field will appear the product name.

The **"Invoice"** field is used for the current invoice, which is the document, which describing the rejected product. The invoice can be choosing by the button in the right side, or the User can directly enter the number in the field. After click on the button, the **"Invoices"** window appears. After choosing the invoice, in the field will be appear the number of the invoice and under the field will appear the date of the invoice.

The **"Quantity"** field is filled automatically, depending on the product and the invoice. The User can change the quantity.

The Person step

Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

fig. 92 The Person step

The “**Person**” field is used for the person, who is responsible for rejected products. The person can be choosing by the button in the right side. After click on the button, the “**Persons**” window appears. After choosing the person, in the field will appear the number and the name of the person.

Isolator

When the Ware income Inspection get bad result or the material do not correspond to the conditions, the material have to be separated in the “**Isolator**”. After the Quality control the **intuality™** system will automatically block the material and the material will going into the “**Blocked materials**”. The User, who is responsible (QM by example) about blocked materials, will book the material in the isolator. The material will wait in the “**Isolator**” for decision. The User, who is responsible for the “**Isolator**” will take decision about future use of the material and will Book out.

If the material is rejected material, the **intuality™** will automatically block the material. The User, who is responsible (QM by example) about rejected materials, will book the material out. For work with the “**Isolator**”, the User has to use the “**Isolator**” menu.

Manage Isolator

The “**Isolator**” menu is used to manage the materials stored into the Isolator. After the click on the Isolator menu, the “Isolator” window will appear:

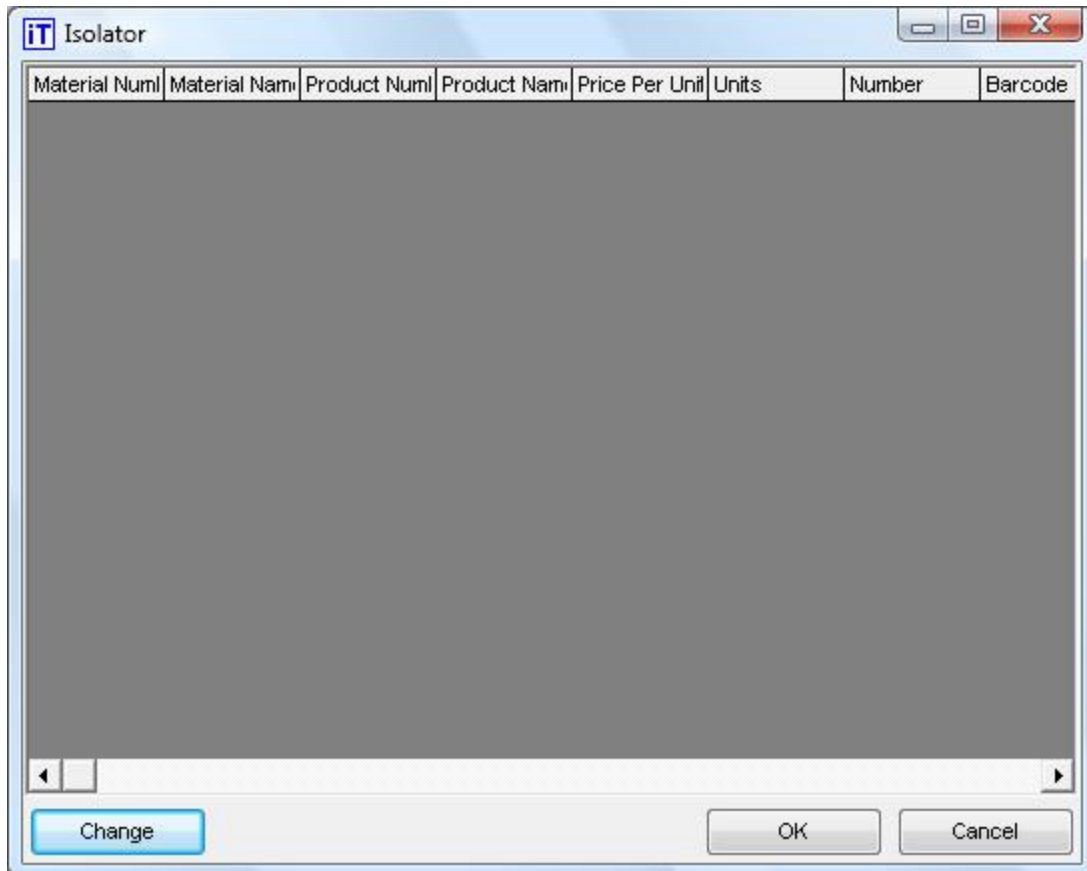


fig. 93 The Isolator window

The material is described with:

- material number;
- material name;
- product number, for the material is intended;
- product name, for the material is intended;
- price per unit;
- units;
- number – the number of all the delivery of the material;
- barcode – the barcode of the part of the material;
- total quantity – the total quantity of the all the part of the material;

- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book out from the Isolator;
- decision, which is get for the material.

In the beginning the quantity of all the material is equal to 0, which mean that the material cannot be booked out from the Isolator. To make change the User has to select the current material and to click on the “**Change**” button.

To book out all the materials, which have quantity bigger than 0, “at once” from the “**Isolator**”, the User has to click on the “**OK**” button.

To cancel the operation the User has to click on the “**Cancel**” button.

To see the current status, the User has to select the current material and has to double click. To change the quantity or decision the User has to select the current material and to click on the “**Change**” button. And the “**Isolator Status**” window will appear:

The screenshot shows a software window titled "iT Isolator". It contains the following fields and controls:

- Material**: A text input field.
- Type**: A dropdown menu with "Article" selected.
- Product**: A text input field.
- BarCode**: A text input field.
- Number**: A text input field.
- Total Quantity**: A text input field.
- Price per Unit**: A text input field.
- Rest Quantity**: A text input field.
- Units**: A text input field.
- Quantity**: A text input field.
- Decision**: A dropdown menu with "Scrap" selected.
- Reason**: A text area.
- Remark**: A text area.
- Comment**: A larger text area at the bottom.
- Buttons**: "OK" and "Cancel" buttons at the bottom right.

fig. 94 The Isolator Status window

In the **"Isolator Status"** window the User can see information about the current part of the material:

- material number and material name in the **"Material"** field;
- material type in the **"Type"** field;
- product number and product name in the **"Product"** field;
- barcode of the part of the material, in the **"Barcode"** field;
- number of the delivery of the material, in the **"Number"** field;
- price per unit of the material, in **"Price per Unit"**;
- units of the material in the **"Units"** field;
- total quantity for all the delivery of material, in **"Total Quantity"** field;
- rest quantity of the material, in **"Rest Quantity"** field;

- the result from Ware Income Quality control system in the suitable color (yellow or red);
- the reason to block the material, in “**Reason**” field;
- the remark, why the material is booked in the Isolator, in “**Remark**” field.

If the User wants to book out the material from “**Isolator**”, he/she has to enter quantity in the “**Quantity**” field. The User has to specify the decision in the “**Decision**” drop-down list. And the User can enter the “**Comment**”, about the book out of the material. When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button. After the information is confirmed thru the “**OK**” button, the changes will appear in the “**Isolator**” window.

Manage Blocked Materials

The “**Blocked Materials**” menu is used to book the blocked material after the Ware Income Quality Control in the “**Isolator**”. After the click on the Blocked Materials menu, the “**Blocked Materials**” window will appear:

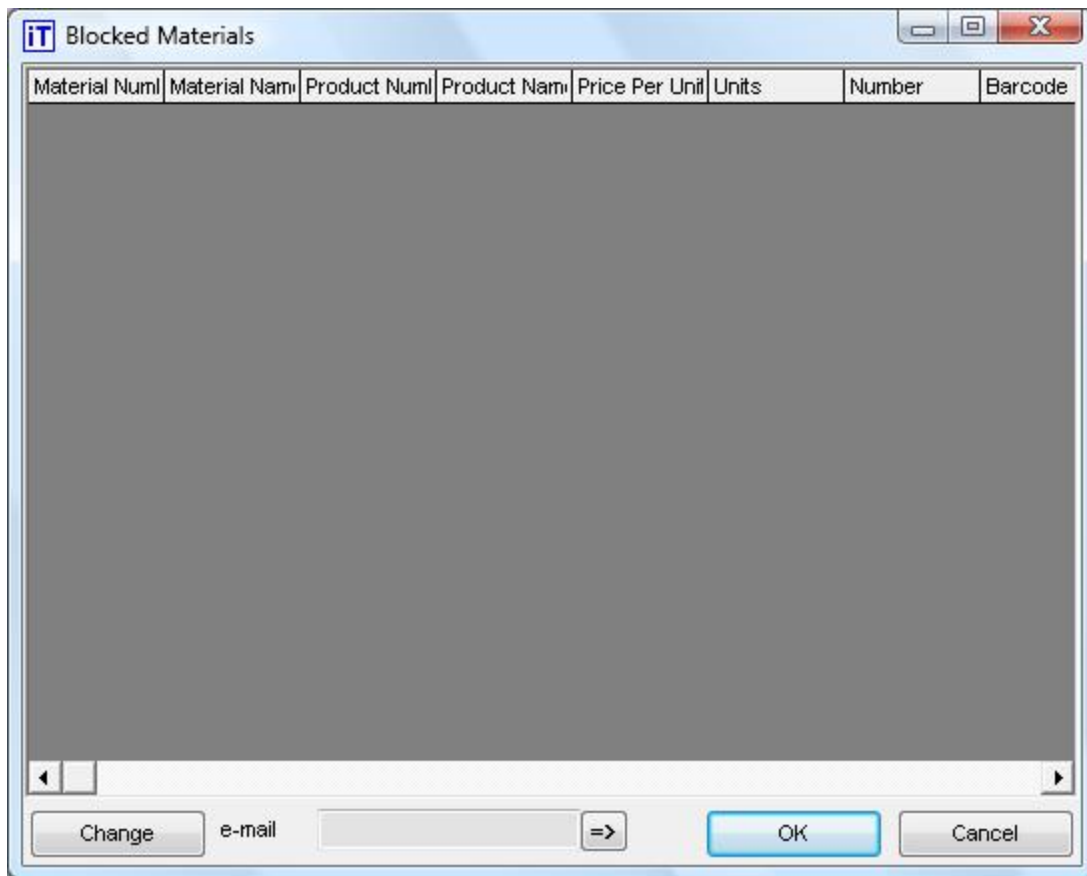


fig. 95 The Blocked Materials window

The material is described with:

- material number;
- material name;
- product number, for the material is intended;
- product name, for the material is intended;
- price per unit;
- units;

- number – the number of all the delivery of the material;
- barcode – the barcode of the part of the material;
- total quantity – the total quantity of the all the part of the material;
- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book out from the Isolator

In the beginning the quantity of all the material is equal to the “**Rest Quantity**”, which means that all the materials will be booked in the Isolator. To make change the User has to select the current material and to click on the “**Change**” button.

To book all the material, which has quantity bigger than 0, “at once” in the “**Isolator**”, the User has to click on the “**OK**” button.

To cancel the operation the User has to click on the “**Cancel**” button.

To see the current status, the User has to select the current material and has to double click. To change the quantity the User has to select the current material and to click on the “**Change**” button. And the “**Blocked Materials Status**” window will appear:

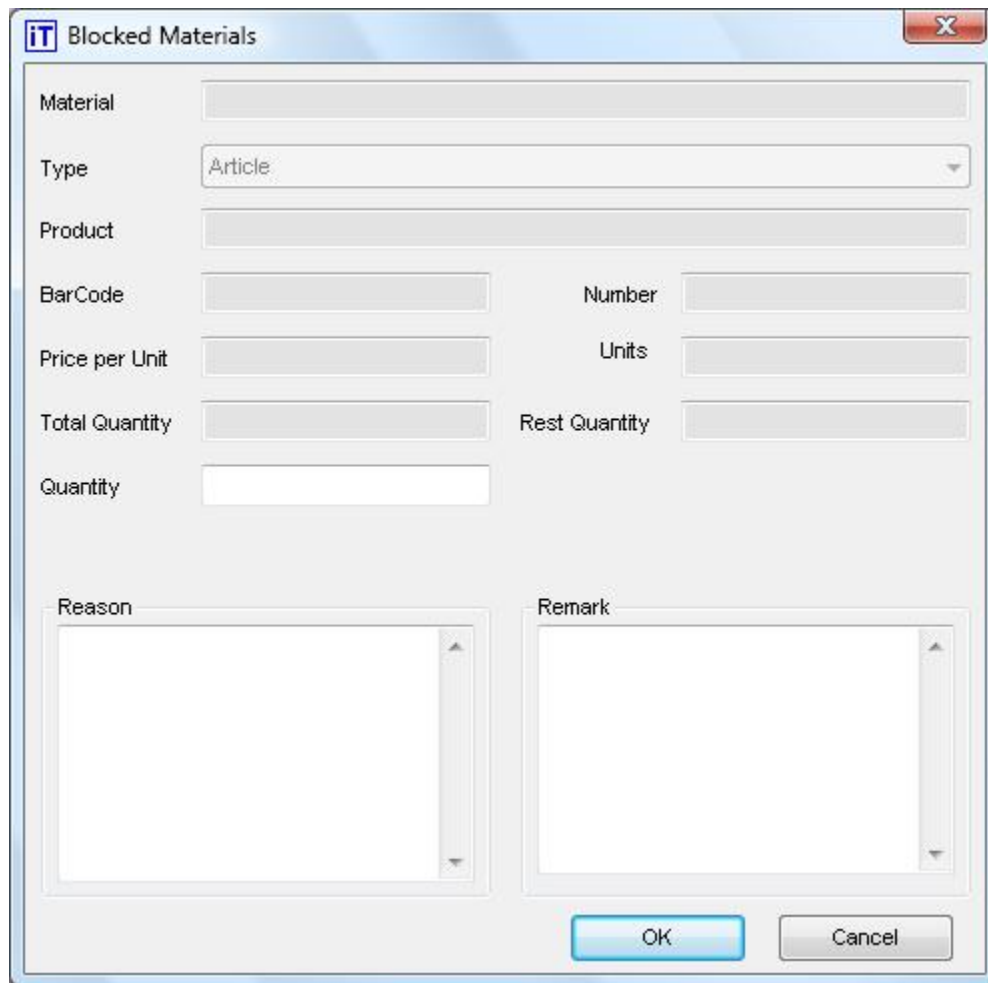


fig. 96 The Blocked Materials Status window

In the “**Blocked Materials Status**” window the User can see information about the current part of the material:

- material number and material name in the “**Material**” field;
- material type in the “**Type**” field;
- product number and product name in the “**Product**” field;
- barcode of the part of the material, in the “**Barcode**” field;
- number of the delivery of the material, in the “**Number**” field;
- price per unit of the material, in “**Price per Unit**”;
- units of the material in the “**Units**” field;
- total quantity for all the delivery of material, in “**Total Quantity**” field;
- rest quantity of the material, in “**Rest Quantity**” field;
- the result from Ware Income Quality control system in the suitable color (yellow or red);

- the reason to block the material, in “**Reason**” field;

If the User wants to book in the material to “**Isolator**”, he has to enter quantity in the “**Quantity**” field. And the User can enter the “**Remark**”, about the book in the material. When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button. After the information is confirmed thru the “**OK**” button, the changes will appear in the “**Blocked Materials Status**” window.

Manage Rejected Materials

The “**Rejected Materials**” menu is used to book out, the blocked material after the Ware Income Quality Control. After the click on the Rejected Materials menu, the “**Rejected Materials**” window will appear:

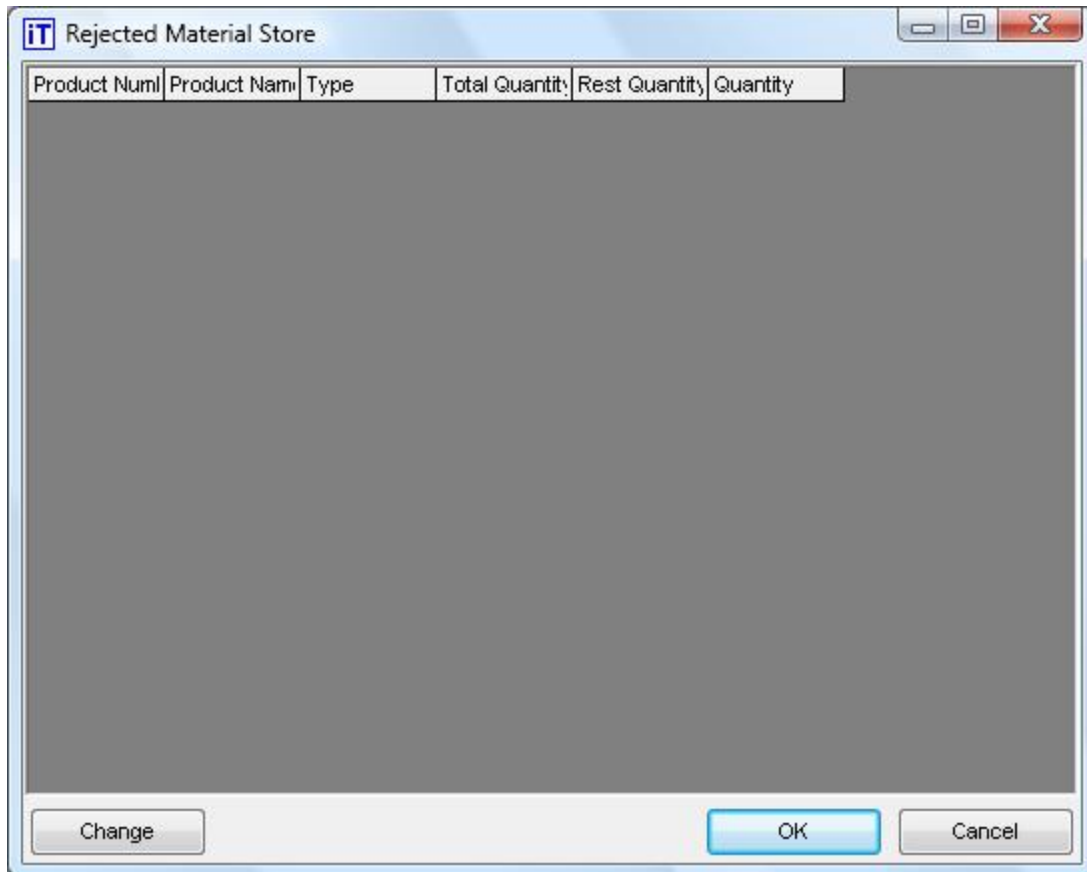


fig. 97 The Rejected Materials window

The material is described with:

- product number;
- product name;
- type of rejected materials;
- total quantity – the total quantity of the all the part of the material;
- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book out from the Isolator

In the beginning the quantity of all the products are equal to the “**Rest Quantity**”, which means that all the products will be booked out. To make change the User has to select the current product and to click on the “**Change**” button.

To book out all the products, which have quantity bigger than 0, the User has to click on the “**OK**” button.

To cancel the operation the User has to click on the “**Cancel**” button.

To see the current status, the User has to select the current product and has to double click. To change the quantity the User has to select the current product and to click on the “**Change**” button. And the “**Rejected Material Status**” window will appear:

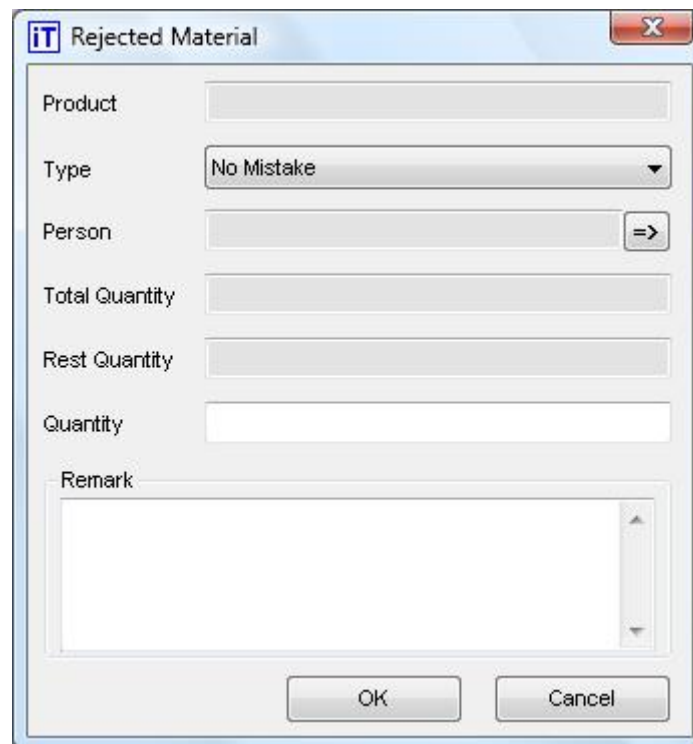


fig. 98 The Rejected Material Status window

In the “**Rejected Material Status**” window the User can see information about the current product:

- product number and product name in the “**Product**” field;
- the rejection type in the “**Type**” field;
- first name and last name of the person, who is responsible about the rejected material in the “**Person**” field;
- total quantity for product, in “**Total Quantity**” field;

- rest quantity of the product, in “**Rest Quantity**” field;

If the User wants to book out the product, he has to enter quantity in the “**Quantity**” field, type in the “**Type**” field and “**Remark**”, about the rejected product. When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button.

Store

When the Ware income Inspection gets good result the material have to be booked in the “**Store**”. For work with the “**Store**”, the User has to use the “**Store**” menu. The store is available for: articles, consumables, packing materials, machines, machine spare parts, tools and sub modules.

Book in the Store

The “**Book in the store**” menu is used to manage the materials, which has to be stored into the Store. After the click on the Store menu, the “Book in the Store” window will appear:

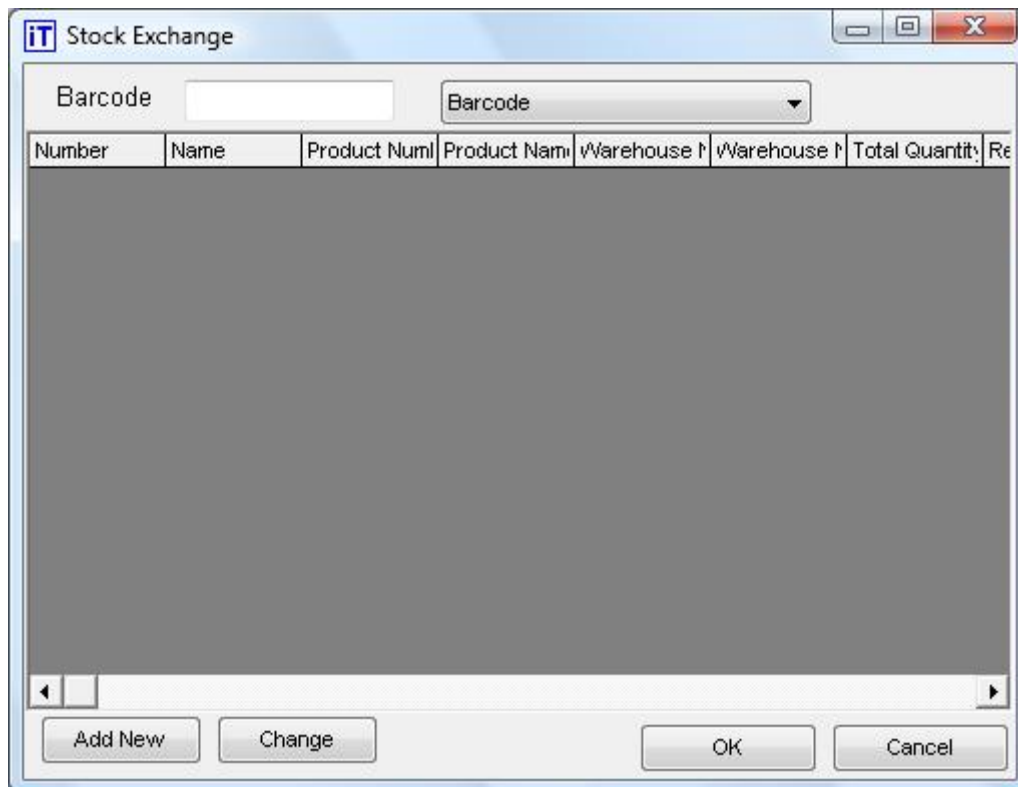


fig. 99 The Book in the Store window

The material is described with:

- material number;
- material name;
- product number, for the material is intended;
- product name, for the material is intended;
- warehouse number;
- warehouse name;
- total quantity – the total quantity of the all the part of the material;
- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book in the store;
- lot number – the lot number of all the delivery of the material;
- barcode – the barcode of the part of the material;

In the beginning the quantity of all the material is equal to total quantity, which mean that all the material will be booked in the store. To make change the User has to select the current material and to click on the “**Change**” button.

To book in the materials, the User has to click on the “**OK**” button. Only the materials, which have quantity bigger than 0, barcode and lot number will be booked in the store.

To cancel the operation the User has to click on the “**Cancel**” button.

The “**Barcode**” textbox is used for fast barcode or lot number entering, depending on the barcode drop-down list.

To see the current status, the User has to select the current material and has to double click. To change the quantity the User has to select the current material and to click on the “**Change**” button. And the “**Book In**” window will appear:

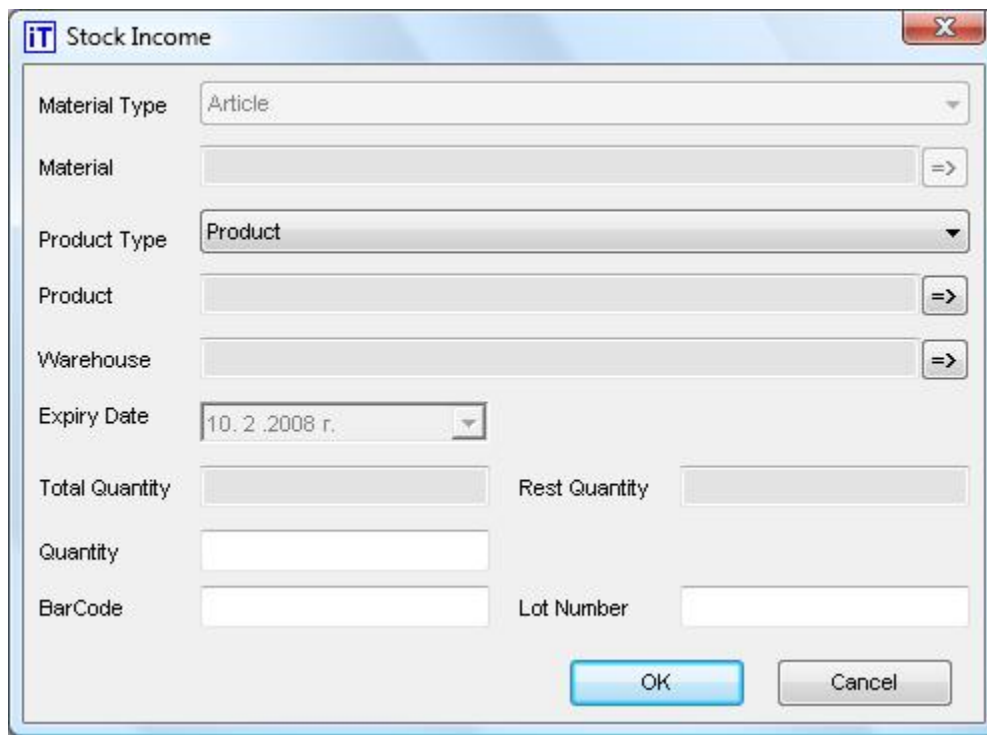
The image shows a software window titled "it Stock Income". It has a standard Windows-style title bar with a close button (X). The window contains several input fields and buttons. At the top, there's a "Material Type" dropdown menu with "Article" selected. Below it is a "Material" text field with an "=>" button to its right. Then a "Product Type" dropdown menu with "Product" selected. Below that is a "Product" text field with an "=>" button. Then a "Warehouse" text field with an "=>" button. Below that is an "Expiry Date" dropdown menu showing "10.2.2008 r.". Then there are two text fields: "Total Quantity" and "Rest Quantity". Below those are "Quantity" and "BarCode" text fields. To the right of "BarCode" is a "Lot Number" text field. At the bottom right, there are two buttons: "OK" and "Cancel".

fig. 100 The Book In window

In the “**Book In**” window the User can see and change the information about the current part of the material:

- material number and material name in the “**Material**” field;
- material type in the “**Type**” field;

- product number and product name in the “**Product**” field;
- product type in the “**Product Type**” field;
- warehouse number and warehouse name in the “**Warehouse**” field;
- barcode of the part of the material, in the “**Barcode**” field;
- number of the delivery of the material, in the “**Number**” field;
- total quantity for all the delivery of material, in “**Total Quantity**” field;
- rest quantity of the material, in “**Rest Quantity**” field;

If the User wants to book in the material to “**Store**”, he/she has to enter quantity in the “**Quantity**” field. When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button. After the information is confirmed thru the “**OK**” button, the changes will appear in the “**Store**” window, but are not booked in the store.

If the User wants to enter a new quantity, which is not pass the Ware Income Inspection, he/she has to click on the Add New button.

Store

The “**Store**” menu is used to manage the materials stored into the Store. After the click on the Store menu, the “Store” window will appear:

The screenshot shows a software window titled "Stock Exchange". It features a form with the following elements:

- Input fields for "Material", "Parent", "Warehouse", "BarCode", and "Lot Number", each followed by an "=>" button.
- Buttons for "Result", "Out" (with a checkbox), "Clear", and "Report".
- A table with the following headers: "Number", "Name", "Product Num", "Product Nam", "Warehouse", "Warehouse", "Date", and "Lot Number". The table body is currently empty.
- Buttons at the bottom: "Outgoing", "Change", "Block", "Total", and "Close".

fig. 101 The Store window

The material is described with:

- material number;
- material name;
- product number, for the material is intended;
- product name, for the material is intended;
- warehouse number;
- warehouse name;
- total quantity – the total quantity of the all the part of the material;
- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book in the store;
- lot number – the lot number of all the delivery of the material;

- barcode – the barcode of the part of the material;

In the beginning the list is empty. The User has to set the criteria and click on the “**Result**” button. If the User do not set the criteria all the materials in the store will be added into the list, which is very slow operation. If the User wants to book out material, he/she has to click on the “**Outgoing**” button. If the User wants to change information about the material, he/she has to click on the “**Change**” button. The User can change the product and warehouse. When the User click on the “**Outgoing**” button, the “**Book Out**” window will appear:

The screenshot shows a software window titled "Stock Outgoing". It features a search bar for "Material" with a magnifying glass icon. Below it are dropdown menus for "Product Type" (set to "Product") and "Parent", and a search bar for "Warehouse". There are input fields for "Total Quantity", "Rest Quantity", "Block Quantity", "Start Date", "Lot Number", "BarCode", and "Date". A "Material Income" button is present. The "Outgoing" section includes a "Direction" dropdown (set to "Production"), a "Quantity" input field, "Employee" and "Workplace" search bars, and a "Reason" text area. The window concludes with "OK" and "Cancel" buttons.

fig. 102 The Book Out window

In the “**Stock Outgoing**” window the User can see the information about the current part of the material and to book out material:

- material number and material name in the “**Material**” field;
- product number and product name in the “**Product**” field;
- product type in the “**Product Type**” field;
- warehouse number and warehouse name in the “**Warehouse**” field;
- barcode of the part of the material, in the “**Barcode**” field;
- lot number of the delivery of the material, in the “**Number**” field;
- total quantity for all the delivery of material, in “**Total Quantity**” field;
- rest quantity of the material, in “**Rest Quantity**” field;

If the User wants to book out the material from “**Store**”, he/she has to enter quantity in the “**Quantity**” field. The User has to choose the direction in the “**Direction**” drop-down list, where the material will go – production or other. The User has to enter the Employee in the “**Employee**” text box, who takes material (is responsible for material). If the material will go into production the User has to enter workplace in “**Workplace**” textbox. The workplace is important, because is using in Operation Plan in production – for Product tracking.

When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button. After the information is confirmed thru the “**OK**” button, the changes will appear in the “**Store**” window.

The “**Material Income**” button is used to display information about the Ware Income inspection for the current material.

In case of Tool store the “**Calibration**” button is visible. The button gives possibility to the user to increase the calibration period of the current Tool.

If the User wants to block the material for future use, he/she has to click on the “**Block**” button. The Block window appear:

The screenshot shows a software window titled "Stock Outgoing". It contains several input fields and buttons. At the top, there is a "Material" field with an "=>" button. Below it is a "Product Type" dropdown menu currently set to "Product". This is followed by "Parent" and "Warehouse" fields, each with an "=>" button. In the middle section, there are fields for "Total Quantity", "Rest Quantity", and "Block Quantity" on the left, and "Lot Number", "BarCode", and "Date" on the right. Below these is a "Start Date" field and a "Material Income" button. The bottom section is titled "Block" and contains a table with the following headers: "Type", "Total Quantit", "Rest Quantity", "Quantity", and "Date". The table body is currently empty. Below the table are three buttons: "Add", "Change", and "Delete". At the very bottom of the window are an empty text box, an "OK" button, and a "Cancel" button.

fig. 103 The Block window

If the user wants to block material he/she has to click on the “**Add New**” button in “**Block**” section. If the User wants to change the blocked material (to unblock) he/she has to click on the “**Change**” button. The “**Stock Block**” window appear:

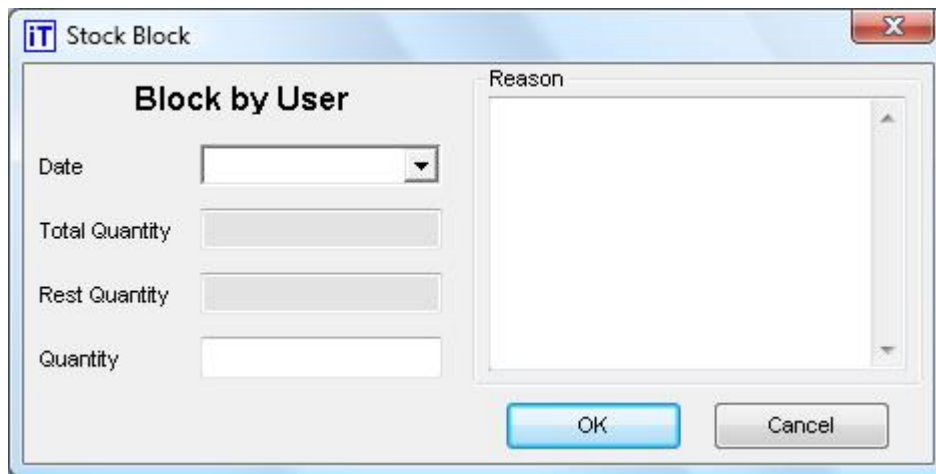


fig. 104 The Stock Block window

The User has to enter the new quantity, the reason if any, and to click on the “**OK**” button.

If the User wants to unblock material he/she has to click on the “**Delete**” button.

Production

The “**Production**” part of **intuality™** is used to manage the materials, machines, tools and products in production. The product lots or sub modules lots are part from production, too. This is the part of **intuality™**, where the User can make Operation Plan in action and to set for which operation, which material, machine, tool are used. The information will be used in the future for tracking and tracing the product. The Quality controls in production are lot by lot. This is the part of **intuality™**, where the User can set the Middle or Outgoing control for every lot.

Store

The “**Store**” menu is used to manage the materials stored into the Production Store. After the click on the Store menu, the “**Production Store**” window will appear:

The screenshot shows a window titled "Production Exchange" with a standard Windows-style title bar. Inside the window, there are several input fields and buttons:

- Material:** A text input field followed by an "=>" button.
- Parent:** A text input field followed by an "=>" button and a "Product" dropdown menu.
- Workplace:** A text input field followed by an "=>" button.
- BarCode:** A text input field.
- Lot Number:** A text input field.
- Buttons:** "Result", "Out" (checkbox), "Clear", and "Report".
- Table:** A table with 8 columns: "Number", "Name", "Product Numl", "Product Naml", "Workplace Ni", "Workplace Ni", "Warehouse T", and "Warehouse". The table body is currently empty.
- Footer:** A "Total" label followed by a text box containing the number "1", and buttons for "Return", "Calibrate", and "Close".

fig. 105 The Production Store window

The material is described with:

- material number;
- material name;
- product number, for the material is intended;
- product name, for the material is intended;
- warehouse number;
- warehouse name;
- total quantity – the total quantity of the all the part of the material;
- rest quantity – the rest quantity of the material;
- quantity – the quantity, which User will book in the store;

- lot number – the lot number of all the delivery of the material;
- barcode – the barcode of the part of the material;

In the beginning the list is empty. The User has to set the criteria and click on the “**Result**” button. If the User does not set the criteria all the materials in the store will be added into the list, which is very slow operation. If the User wants to book out material, he/she has to click on the “**Return**” button and the “**Production Outgoing**” window will appear:

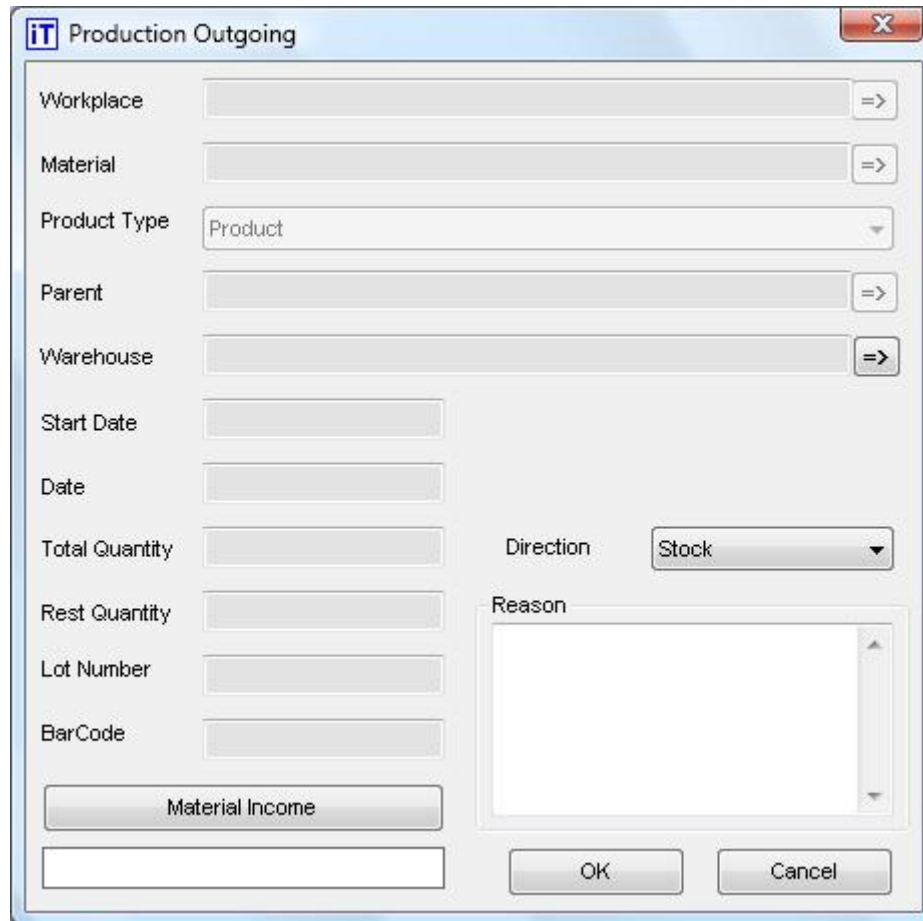


fig. 106 The Production Outgoing window

In the “**Production Outgoing**” window the User can see the information about the current part of the material and to book out material:

- material number and material name in the “**Material**” field;
- product number and product name in the “**Product**” field;
- product type in the “**Product Type**” field;
- warehouse number and warehouse name in the “**Warehouse**” field;
- barcode of the part of the material, in the “**Barcode**” field;
- lot number of the delivery of the material, in the “**Number**” field;

- total quantity for all the delivery of material, in “**Total Quantity**” field;
- rest quantity of the material, in “**Rest Quantity**” field;

If the User wants to book out the material from “**Production Store**”, he/she has to enter quantity in the “**Quantity**” field. The User has to choose the direction in the “**Direction**” drop-down list, where the material will go – store or other.

When the information is entered and if the information is correct the user will click on the “**OK**” button, otherwise the User will click on the “**Cancel**” button. After the information is confirmed thru the “**OK**” button, the changes will appear in the “**Production Store**” window.

The “**Material Income**” button is used to display information about the Ware Income inspection for the current material.

In case of Tool store the “**Calibration**” button is visible. The button gives possibility to the user to increase the calibration period of the current Tool.

Tool Calibration

If the Tool is out of calibration period the **intuality™** system automatically prevent all the operations with the tool. The User can calibrate tool in Store or in Production store. The User has to select the tool and to click on calibrate button. And after the “**Tool Calibration**” window will appear:

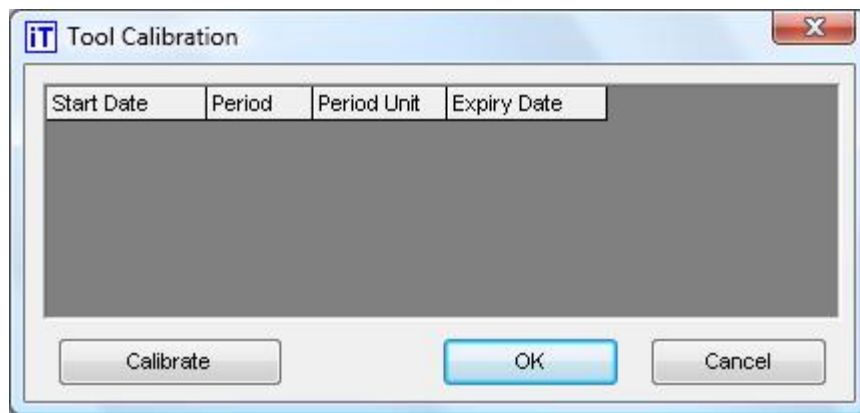


fig. 107 The Tool Calibration window

User can see the list with calibration periods of the tool. If the User wants to calibrate the Tool he/she has to click on the “**Calibrate**” button. And the “Tool Calibrate” window appears:

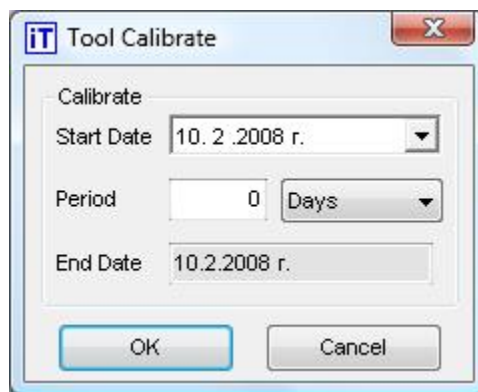


fig. 108 The Tool Calibrate window

The user can specify the start date and the new period – number and units. The **intuality™** system will calculate automatically the end date.

Add/Update Lot

The “**Lots**” window is used for managing the lots. The “**Lots**” window is the common “Intuitive” window, which gives information about all the lots:

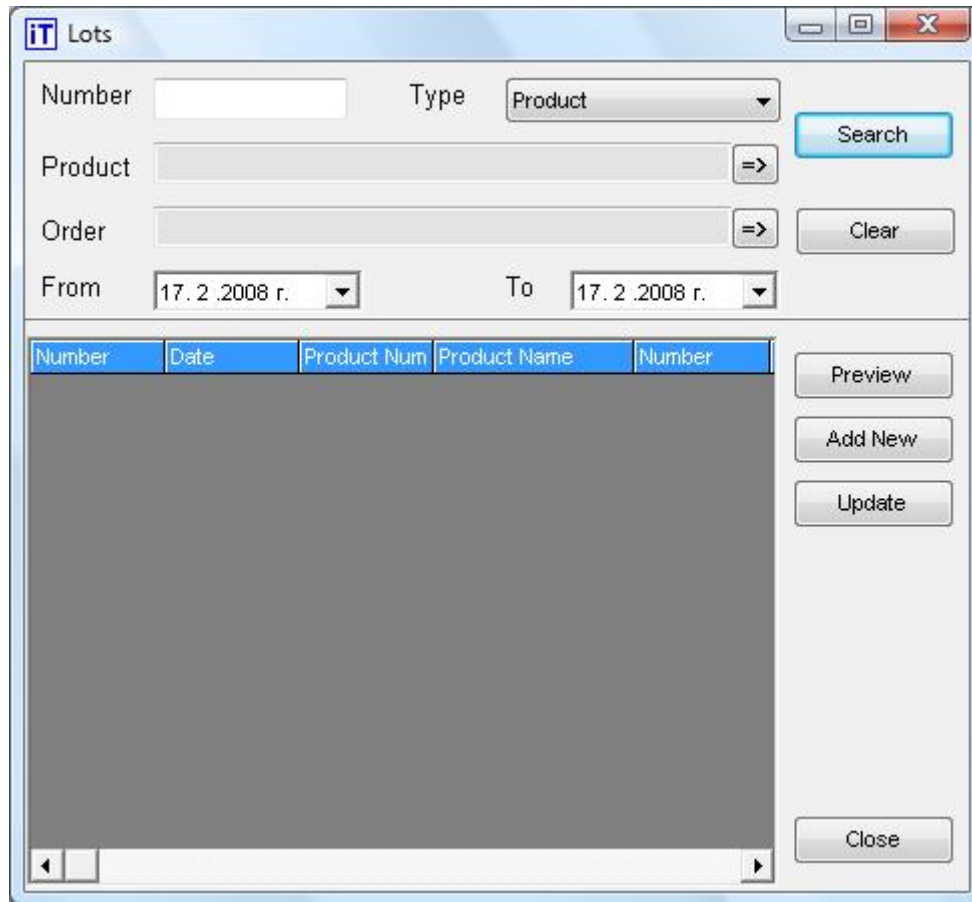


fig. 109 The Lots window

The searching by given criteria for Name, Status and Date is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new lot.

The “**Preview**” (or double click on the list) button is used for preview of the selected lot.

The “**OK**” button is used to confirm the selected lot, and to give it back to the window, which is calling the “**Lots**” window.

The “**Close**” button is used to hide the “**Lots**” window.

When the **intuality™** system is started for the first time, there are no lots in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Lot**” window to add new, update or preview the lot and the Rules set for this lot:

The screenshot shows the 'Lot' window with the following fields and controls:

- Number**: Text input field.
- Status**: Dropdown menu set to 'Normal'. A 'Passed Operations' button is next to it.
- Order**: Text input field with an '=>' button.
- Type**: Dropdown menu set to 'Product'.
- Product**: Text input field with an '=>' button.
- Quantity**: Text input field showing '0'.
- Date**: Dropdown menu showing '17.2.2008 r.'.
- Barcode**: A table with headers 'Barcode', 'Total Quantity', 'Rest Quantity', and 'Quantity'. The table body is empty.
- Auto**: A checkbox.
- Buttons**: 'Add New', 'Delete', 'OK', and 'Cancel'.

fig. 110 The Lot window

The “**Number**” textbox is used for the number of the lot.

The “**Status**” label show the status of the lot.

The “**Date**” textbox is used for the date of the lot.

The “**Type**” textbox is used for the type of the product.

The “**Order**” is used for the order. The field is disabled. The order row (it is required for some Quality Control standards), for which is corresponding current lot can be choosing by the button in the right side of the “**Order**” field. After click on the button the “**Order Rows**” window appear. After choosing the order row, in the field “**Order**” will be appear the number of the order.

The “**Quantity**” textbox is used for the quantity of the lot. If there is barcode entered in “**Barcode**” section the quantity is the sum of all the barcodes quantities.

The “**Product**” is used to show the product. The field is disabled. The product can be choosing by the button in the right side of the “**Product**” field. After click on the button the “**Products**” window appears. The User can choose the product type (product, sub module) from “**Type**” drop-down list.

The lot can consist of barcodes for detailed tracking. The “**Barcode**” section shows the list with all the barcodes included in this lot. The **intuality**™ system is optimized to take a barcodes very fast by barcode reader. The User can check the auto checkbox and in the text box in “Barcode” section to create the barcodes. The existing barcode can be deleted from the list of barcodes by the “**Delete**” button. To delete barcode from the list, the User have to select the barcode from the list and to click on “**Delete**” button. The new barcode can be added thru the click on the “**Add New**” button in the “**Barcode**” section and the “**Barcode**” window appears:

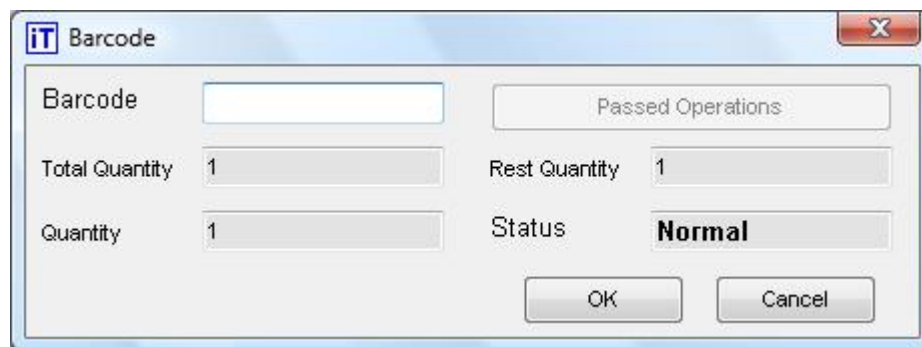


fig. 111 The Barcode window

The User can enter the barcode in “Barcode” textbox.

The Product or Sub module Quality control – lot-by-lot

The Product Quality control can be done after clicking on the Production/Lots and Lot Control. The Product Control wizard is responsible about the Product Control Quality control. The Wizard is high-level intelligent mechanism, which contains several steps. The Wizard contains the **“Back”**, **“Next”**, **“Finish”** and **“Cancel”** buttons:

- **“Cancel”** button – If the User wants to cancel the Wizard, he/she has to click on the **“Cancel”** button. The Wizard will finish without any changes into the database.
- **“Next”** button – If the User is entered all the needed information, and the User are ready to go to the next step, he/she has to click on the **“Next”** button. Depending on the step the **intuality™** system will do the control and if everything is correct, the Wizard will go to the next step. If the control find the problems, the message will appear and the Wizard will stop in the same step;
- **“Back”** button – If the User wants to go back to see any information or the User wants to change anything, he/she has to click on the **“Back”** button. The **“Back”** button is disabled on the first step
- **“Finish”** button – The button **“Finish”** is disabled. In the end Wizards step the button is enabled, instead of the **“Next”** button. After click on the **“Finish”** button the **intuality™** system will perform check on all the entered information, and if everything is correct, the **intuality™** system will do the changes into the database and will save all the entered information for future uses.

The Initial step

Number	Name	Test
3	Attribute Sample	Normal

fig. 112 The Initial step

The Product Control is lot-by-lot quality control. The lot can contain barcodes or not. If the lot has not barcodes the Product control will be done at all the lot. If the lot contains barcodes the product control will be done for every barcode. The user has to specify in “**Type**” drop-down list the type of the lot (with barcodes or not). The “**Lot**” textbox is used for Lot Number or barcode, depending on the “**Type**” drop-down list. If the Lot number is correct the User will see the product for which is created current lot.

In the “**Test**” list the User can see the all-available test for the current article. The User can select the test for the current Quality control.

The “**Rest Quantity**” field is filled automatically, depending on the lot number and type of the lot.

The Quality Control information step

Product Control

Test Type: **Attribute Sampling**

Sample Numk	Sample Size	Cumulative S	SubGroup Si	SubGroup Nl	Acceptance
1	1	1	1	1	0

Sampling Plan: **Multiple**

AQL Factor: **0.65**

Inspection Level: **II**

Inspection: **Tightened**

Code Letter:

Depending on the supplier: ☒

Buttons: Cancel, < Back, Next >, Finish

fig. 113 The Quality Control information step

This is information step. Depending on the quantity and chosen test in the first step and the existing data in the Database, the **intuality™** will take decision about the sample size. All the required information will be displayed in this step. In case of Variable sampling and sigma method, the User will have possibility to enter the sigma. In the list above the User can see the step count and useful information for every step.

The Criteria step

Product Control

Criteria: 1 Visual Blocked

Tool: 1 Tool

Value: From Yes To No

☒ Yes ☐ No

Criteria	Tool	Value	Count
1	Yes	Yes	33

Direction: ☒ Down ☐ Right

Import

<< >> Accepted

Cancel < Back Next > Finish

fig. 114 The Criteria control step

In list of the Criteria step, User has to enter the data for Quality control. The count of the rows is depending on the count for every step. The count of the columns in the list is depending on the Criteria for the current test. When User changes the column, he/she can see the information for every criterion above in the grey fields (Criterion name, Tool Values and drawing). When the current value is entered in the white field, the selection in the list automatically is changed depending on the direction choice. The direction can be down or right – it is similar to check of every piece of material. If the check is by criteria of every piece, the direction is down. If the check is – all criteria of every piece of product, the check is right.

When some product is outside the limits the current row has yellow or red color. The buttons “<<” and “>>” are used to change the step in case of double or multiple sampling plan. The “Import” button is used to import data in the selected column.

The Statistic step

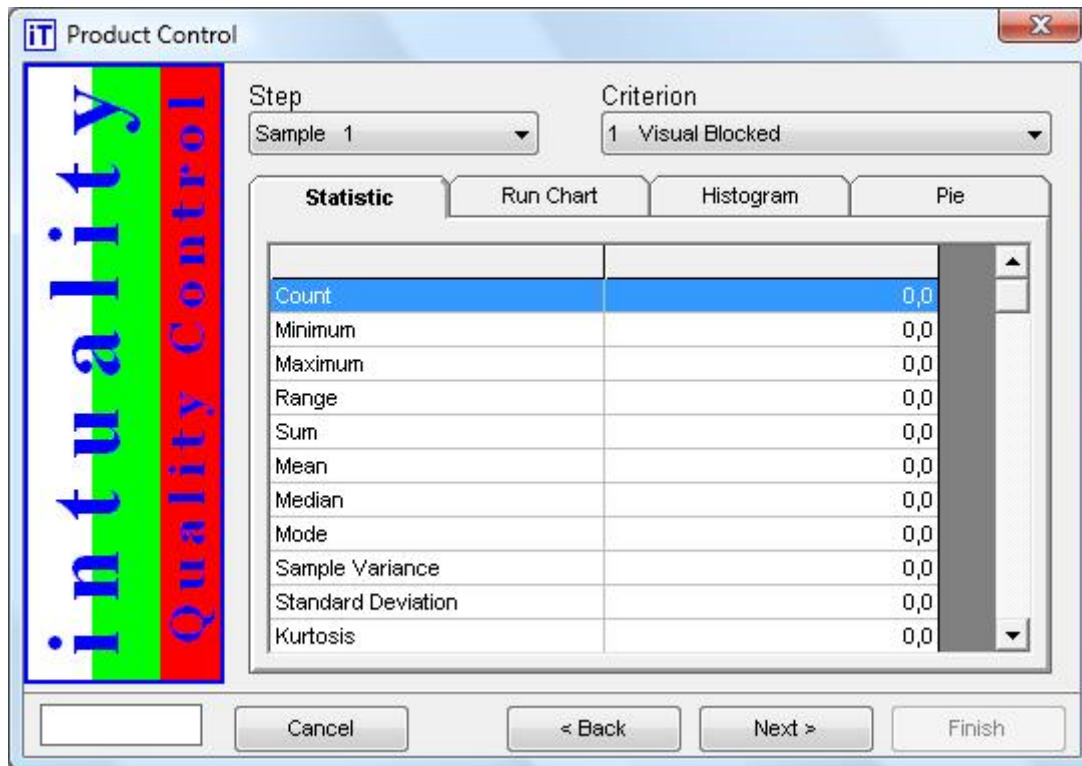


fig. 115 The Statistic step

This statistic step is information step. The User can take information about the statistic parameters and graphic information. The User can change criterion in “**Step**” drop-down list. The criterion can be changed in “**Criterion**” drop-down list

The Block step

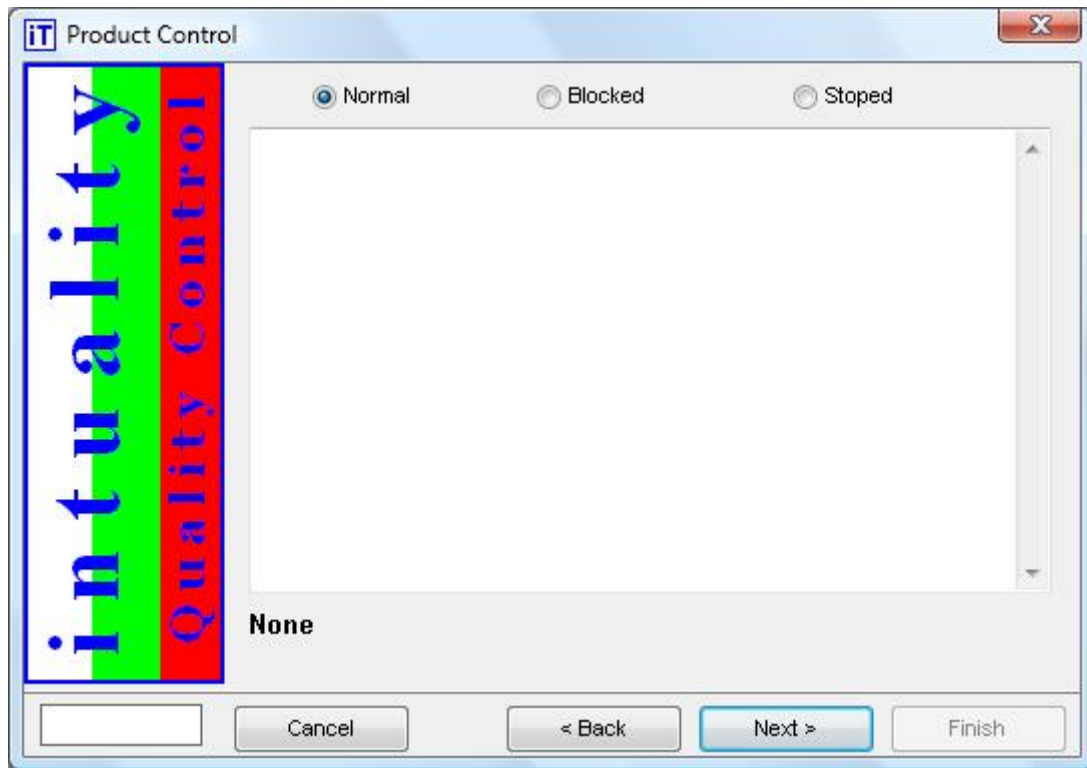


fig. 116 The Block step

The Block step is used to give information about the result of Quality control. If the result is in limits the text has black color and the field for block reason is disabled. If the product is out of the limits, but is possibilities to be used, the text has yellow color. If the material is out of the limits and cannot be used, the text has red color.

The User can block products in this step by the radio buttons in the top of this step. The “**Blocked**” is that product is not good, but there are possibilities to be used (yellow color). The “**Stopped**” buttons, that the product cannot be used (red color).

If the product is blocked or stopped, the User can enter the reason in the white field.

The Extra Info step

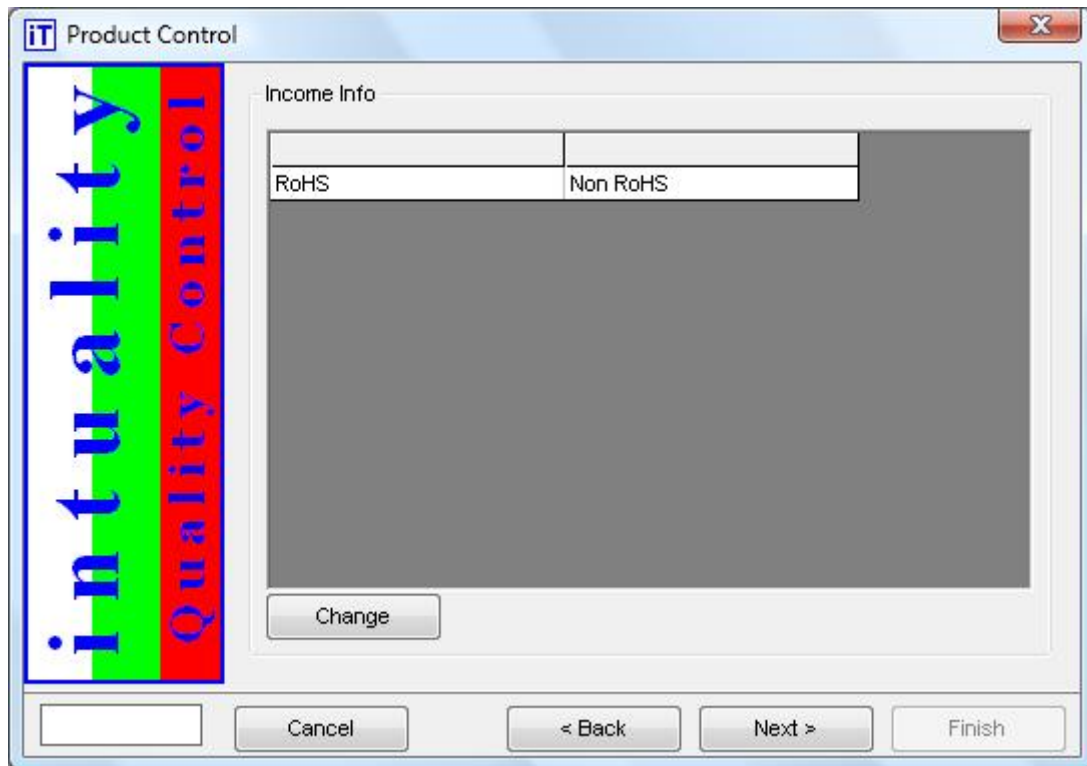


fig. 117 The Extra Info step

In “**Extra Info**” section the User can enter required in rules extra info by click on “**Change**” button.

The Employees step

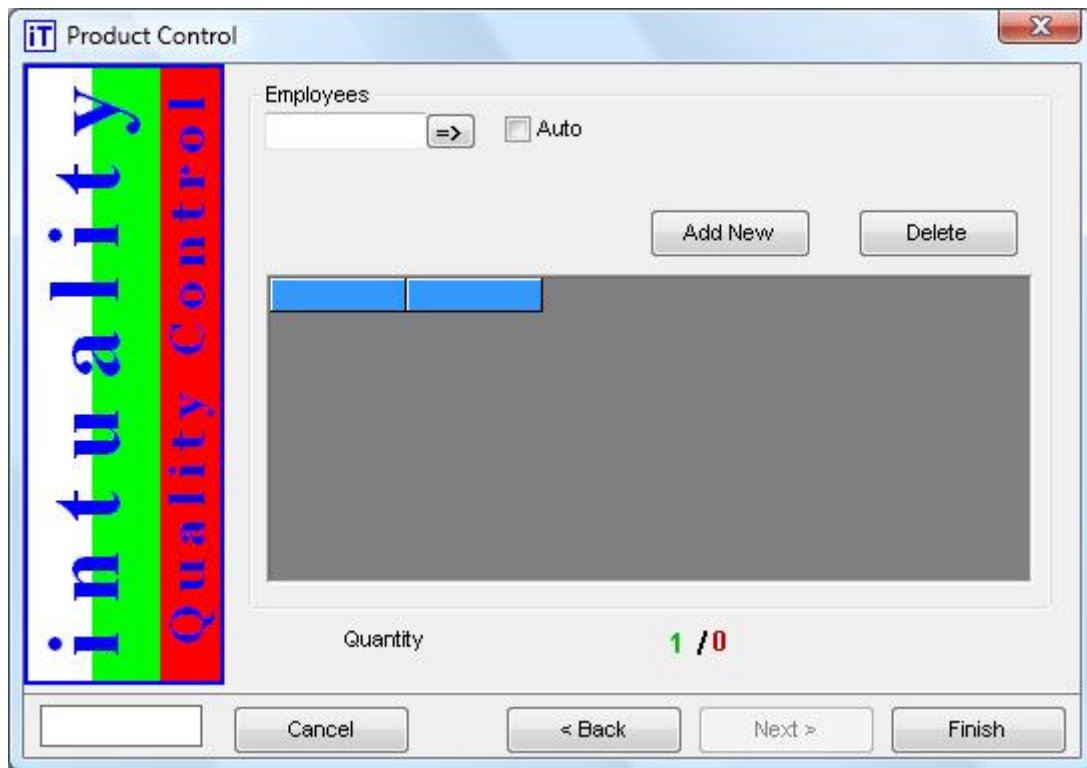


fig. 118 The Employees step

The Employees step is used to set the employee, who was working on the current Product Quality Control.

The “**Employee**” section shows the list with all the employees, who was working on Product Control. The employees are described with number and name. The new employee can be added thru the click on the “**Add New**” button. The “**Delete**” button can delete the existing employee. To delete employee, the User have to select the employee from the list and to click on “**Delete**” button.

The sum of all the quantities has to be equal to the delivered quantity. The green quantity is the “good” quantity. The red quantity is the “bad” quantity. The **intuality™** system will automatically calculate the quantity depending on the test type and the result of the inspection.

Planning

The Planning is used to create automatically plan of resources (materials, machines, tools, employees), depending on the requested orders.

Add Order

The “**Orders**” window is used for managing the orders. The “**Orders**” window is the common “Intuitive” window, which gives information about all the orders:

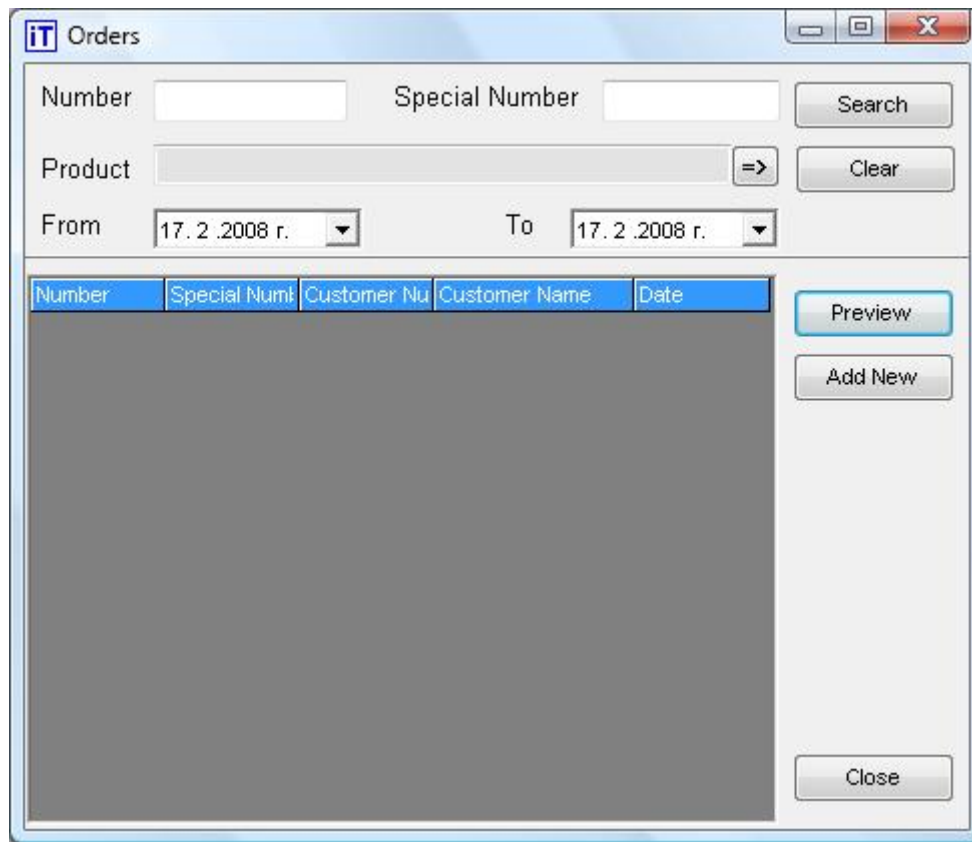


fig. 119 The Orders window

The searching by given criteria for Name, Product and Date is starting by click on button **“Search”** and the result is shown in the list.

The **“Add new”** button is needed to add new order.

The order is the unique document. For this reason the Order cannot be updated.

The **“Preview”** (or double click on the list) button is used for preview of the selected order.

The **“OK”** button is used to confirm the selected order, and to give it back to the window, which is calling the **“Orders”** window.

The **“Close”** button is used to hide the **“Orders”** window.

When the **intuality™** system is started for the first time, there are no orders in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Order**” window to add new, update or preview the order row and the Rules set for this order:

Number	Name	Quantity	Units	Date
--------	------	----------	-------	------

fig. 120 The Order window

The “**Number**” textbox is used for the number of the order.

The “**Special Number**” textbox is used for the special number of the order.

The “**Date**” textbox is used for the date of the order.

The “**Type**” textbox is used for the type of the order.

The “**Customer**” is used for the customer. The field is disabled. The customer can be choosing by the button in the right side of the “**Customer**” field. After click on the button the

“**Customers**” window appears. After choosing the customer, in the field “**Customer**” will be appear the number and the name of the customer.

The “**Order Rows**” window shows the list with all the products included in the current order. The products are described with number, name, units, quantity and date. The new product can be added thru the click on the “**Add New**” button. The existing product can be deleted from order by the “**Delete**” button. To delete product from the current order, the User have to select the product from the list below and to click on “**Delete**” button.

To add new product User has to click on the “**Add New**” button and the “Order Row” window is appear:

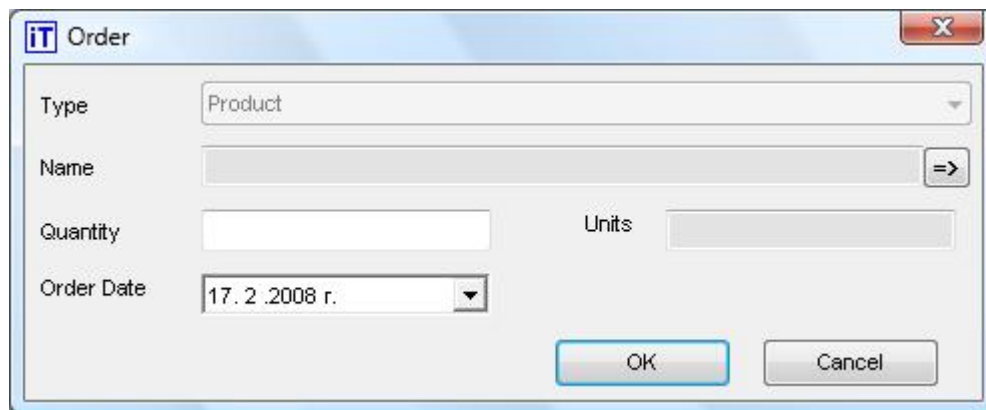


fig. 121 The Order Row window

The “**Type**” drop-down list is set to product.

The “**Name**” is used for the product. The field is disabled. The product can be choosing by the button in the right side of the “**Name**” field. After click on the button the “**Products**” window appears. After choosing the product, in the field “**Name**” will be appear the number and the name of the product and in the field “**Unit**” the unit for the current product will appear.

In the “**Quantity**” text box the User have to enter the quantity – how many units from the current product have to be produced.

In the “**Order Date**” User can set the end date – deadline for producing the product.

Create New Plan

The Planning can be done for different period. The most useful period is per week. The Planning Wizard appear after clicking on the Planning menu. The Wizard is high-level intelligent mechanism, which contains several steps. The Wizard contains the **“Back”**, **“Next”**, **“Finish”** and **“Cancel”** buttons:

- **“Cancel”** button – If the User wants to cancel the Wizard, he/she has to click on the **“Cancel”** button. The Wizard will finish without any changes into the database.
- **“Next”** button – If the User is entered all the needed information, and the User are ready to go to the next step, he/she has to click on the **“Next”** button. Depending on the step the **intuality™** system will do the control and if everything is correct, the Wizard will go to the next step. If the control find the problems, the message will appear and the Wizard will stop in the same step;
- **“Back”** button – If the User wants to go back to see any information or the User wants to change anything, he/she has to click on the **“Back”** button. The **“Back”** button is disabled on the first step
- **“Finish”** button – The button **“Finish”** is disabled. In the end Wizards step the button is enabled, instead of the **“Next”** button. After click on the **“Finish”** button the **intuality™** system will perform check on all the entered information, and if everything is correct, the **intuality™** system will do the changes into the database and will save all the entered information for future uses.

The Initial step

The screenshot shows a window titled "iT Planning". On the left side, there is a vertical banner with the word "intuality" in blue and "Planning" in red. The main area of the window contains the following fields and controls:

- Number**: A text input field.
- From**: A date dropdown menu showing "17. 2 .2008 r.".
- To**: A date dropdown menu showing "24. 2 .2008 r.".
- Table**: A table with the following headers: "Product Numl", "Product Name", "Number", "Special Numk", "Delivery Date", and "Orde". The table body is currently empty.
- Buttons**: "Eliminate", "< Back", "Next >", and "Finish".
- Plan Quantity**: A text input field.
- Cancel**: A button at the bottom left.

fig. 122 The Initial step

The first field is used for the orders. The orders appear automatically. The User has to set the number of the planning (by example if the plan is created every week, the number is useful to be the number of the week). The User can choose **"From"** / **"To"** dates, for which the plan is actual, and the orders between these dates will be shown in the list. The User can eliminate any order by **"Eliminate"** button.

The **"Plan Quantity"** field is used for quantity for every product. Before to go to the next step the User has to set quantity for every order, which will be produced for the current order.

The Materials step

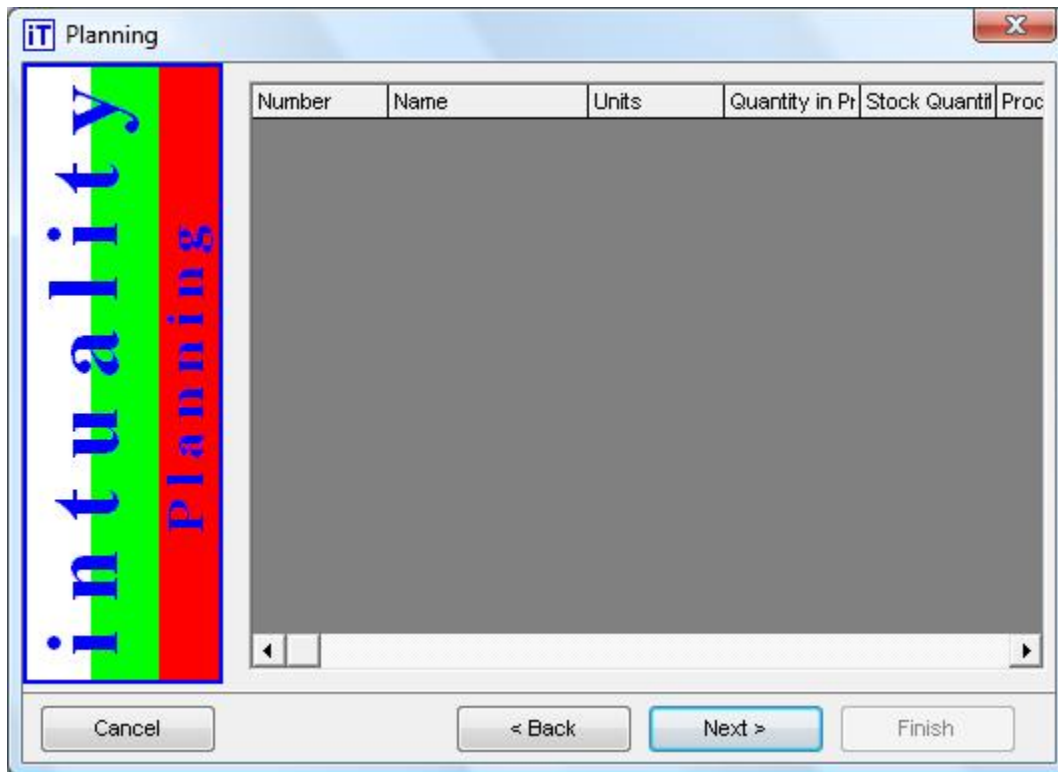


fig. 123 The Materials step

Depending on the Operation Plan for every product, the **intuality**™ will calculate required quantity for every material. The **intuality**™ will show the quantity in the production and stock. And depending on the all the quantities for every product in the last column the User can see what quantity is missing and has to be purchased.

The Machines/Tools step

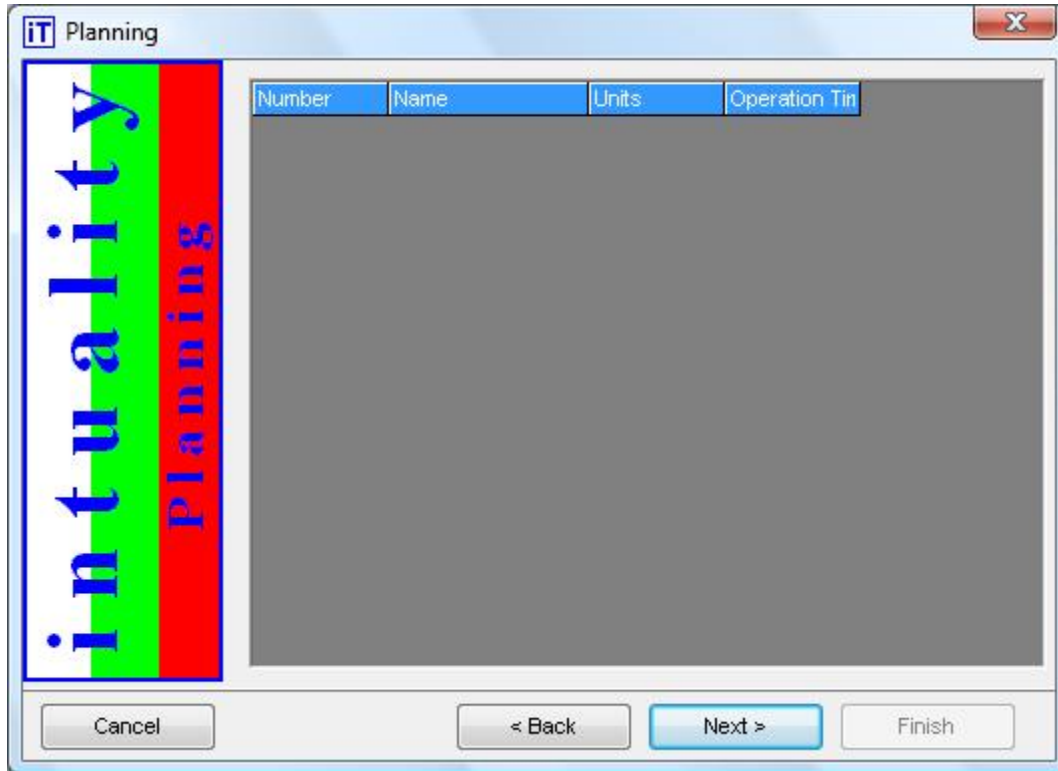


fig. 124 The Machines/Tools step

Depending on the Operation Plan for every product, the **intuality**™ will calculate required time per every machine and tool.

The Employees step

Workplace Ni	Workplace Name	Operation Nu	Operation Na	Operation Tin	Ove
--------------	----------------	--------------	--------------	---------------	-----

fig. 125 The Employees step

Depending on the Operation Plan for every product and work time, the **intuality™** will calculate required time per operation and required number of employees for every operation. In the “**Work Time**” the User can see the work time for the period specified in the first step of the Planning wizard and depending on the work or non works days in this period, which have to be specified in the calendar of **intuality™** system. The User can see and set the Calendar before start of planning wizard by double clicks on the date in status bar. The User can set the over time for every operation and to change the number of employees in “**Over Time**” textbox. If the User wants to set the over time for all the operations, he/she has to set the time in “**Over Time**” textbox and after to click on the “**All**” button. The time unit is hour.

Product Outgoing (Sale)

The Product Outgoing is used for sale of products.

Add/Update Export

The “**Export**” is a export of material and one export can contains more than one outgoing invoice.

The “**Exports**” window is used for managing the exports. The “**Exports**” window is the common “Intuitive” window, which gives information about all the exports:

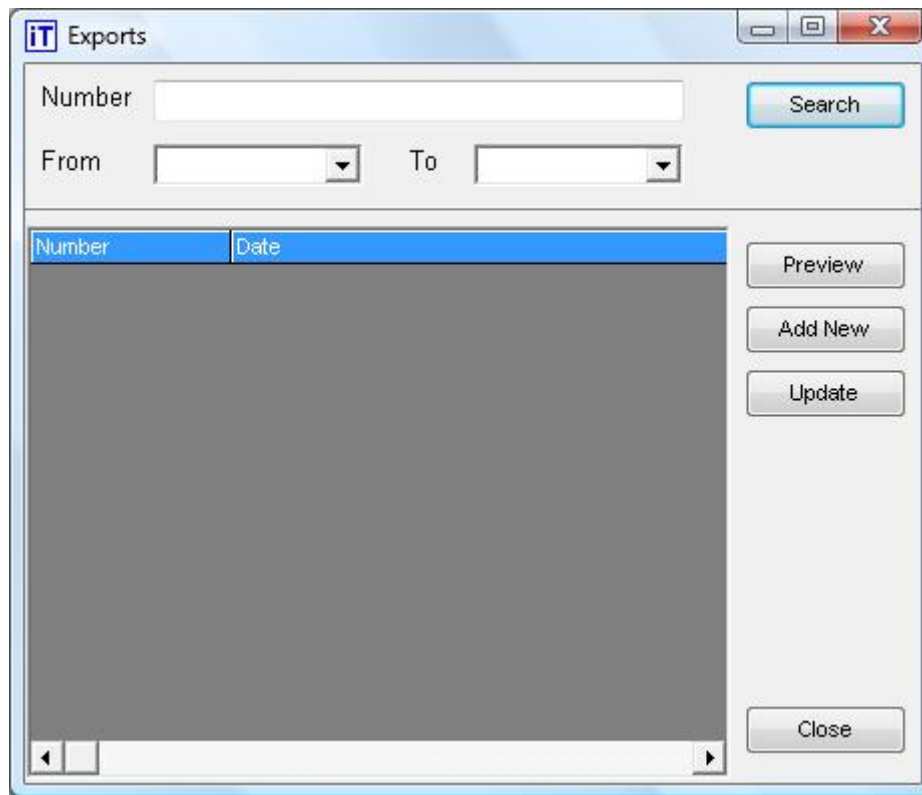


fig. 126 The Exports window

The searching by given criteria for Name and Date is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new export.

The “**Update**” button is needed to update the selected in the list export.

The “**Preview**” (or double click on the list) button is used for preview of the selected export.

The “**OK**” button is used to confirm the selected export, and to give it back to the window, which is calling the “**Exports**” window.

The “**Close**” button is used to hide the “**Exports**” window.

When the **intuality**™ system is started for the first time, there are no exports in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Criteria**” window to add new, update or preview the export and the Rules set for this export:

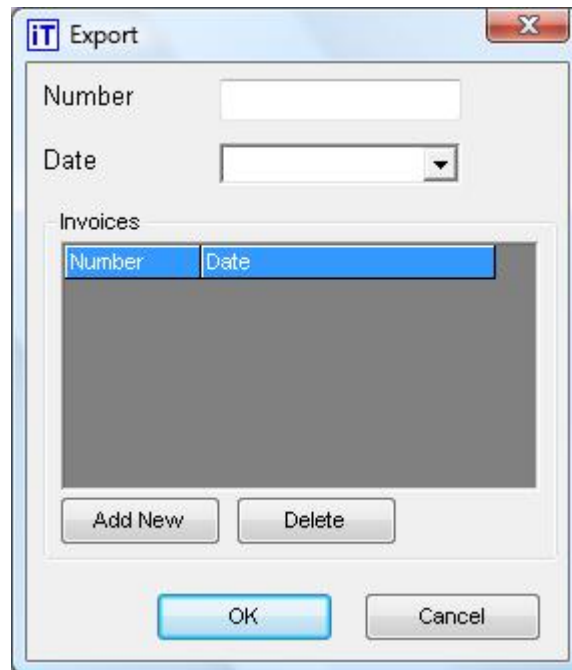


fig. 127 The Export window

The “**Number**” textbox is used for the number of the export.

The “**Date**” drop-down calendar is used for the date of the export.

The “**Invoice**” section shows the list with all the outgoing invoices included in the current export. The outgoing invoices are described with number and date. The new outgoing invoice can be added thru the click on the “**Add New**” button. The existing outgoing invoice can be deleted from export by the “**Delete**” button. To delete outgoing invoice from the current export, the User have to select the outgoing invoice from the list below and to click on “**Delete**” button.

Add Outgoing Invoice

The “**Invoices**” window is used for managing the outgoing invoices. The “**Invoices**” window is the common “Intuitive” window, which gives information about all the outgoing invoices:

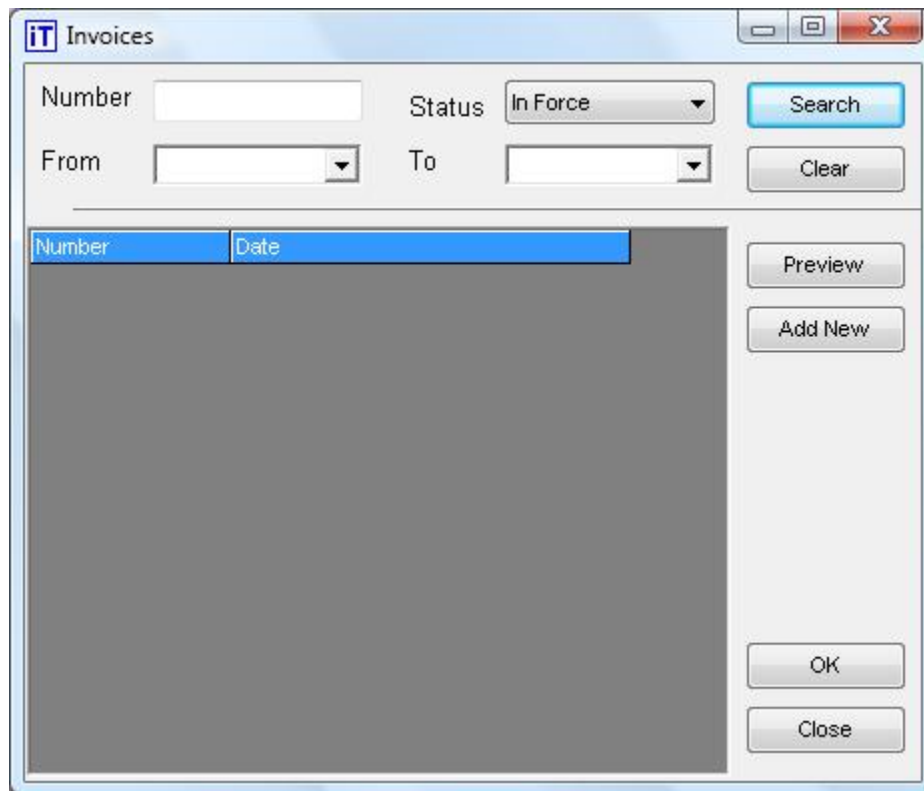


fig. 128 The Invoices window

The searching by given criteria for Name, Status and Date is starting by click on button “**Search**” and the result is shown in the list.

The “**Add new**” button is needed to add new outgoing invoice.

The outgoing invoice is the unique document. For this reason the outgoing Invoice cannot be updated.

The “**Preview**” (or double click on the list) button is used for preview of the selected outgoing invoice.

The “**OK**” button is used to confirm the selected outgoing invoice, and to give it back to the window, which is calling the “**Invoices**” window.

The “**Close**” button is used to hide the “**Invoices**” window.

When the **intuality™** system is started for the first time, there are no outgoing invoices in the database and list is empty.

The “**Add New**”, “**Update**” and “**Preview**”/double click on the list/ buttons call the “**Invoice Row**” window to add new, update or preview the outgoing invoice and the Rules set for this outgoing invoice:

Number	Name	Units	Quantity	Price Per Unit	Price
--------	------	-------	----------	----------------	-------

fig. 129 The Invoice window

The “**Number**” textbox is used for the number of the outgoing invoice.

The “**Currency**” textbox is used for the currency of the outgoing invoice.

The “**Date**” textbox is used for the date of the outgoing invoice.

The “**Type**” textbox is used for the type of the outgoing invoice.

The “**Customer**” is used for the customer. The field is disabled. The customer can be choosing by the button in the right side of the “**Customer**” field. After click on the button the “**Customers**” window appear. After choosing the customer, in the field “**Customer**” will be appear the number and the name of the customer.

The “**Tax**” textbox is used for the tax of the outgoing invoice. The **intuality™** system get the default “Tax” from the “**Properties**” window.

The “**Invoices**” window shows the list with all the materials included in the current outgoing invoice. The used materials are described with number, name, units, quantity, price per unit and price. The new product can be added thru the click on the “**Add New**” button. The existing product can be deleted from outgoing invoice by the “**Delete**” button. To delete product from the current outgoing invoice, the User have to select the product from the list below and to click on “**Delete**” button.

To add new product User has to click on the “**Add New**” button and the “**Invoice Row**” window is appear:

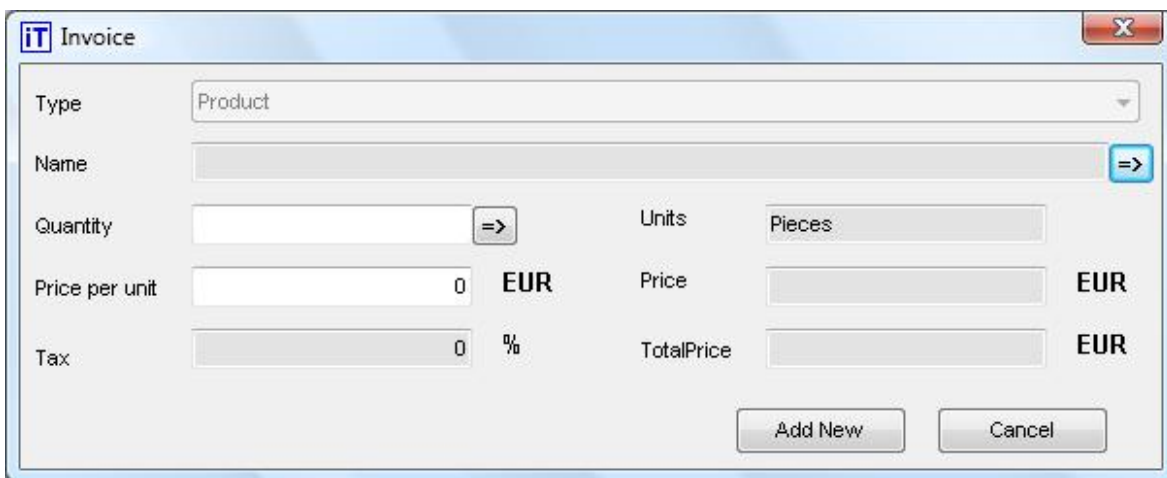


fig. 130 The Invoice Row window

In the “**Type**” drop-down list User can see that he/she have to choose the type of product.

The “**Name**” is used for the product. The field is disabled. When the User click on the button in the right side of textbox the “Products” window will appear. After choosing the product, in the field “**Name**” will be appear the number and the name of the product and in the field “**Unit**” the unit for the current product will appear.

In the “**Price per Unit**” text box the User can enter the price per unit of the current product.

In the “**Quantity**” text box the User will see the quantity. Only the products in the Outgoing store can be sold. The User will enter the quantity by click on the button in the right side in the “**Quantity**” text box. And the “Stock Exchange” window appear.

Number	Name	Barcode	Barcode	Total Quantity	Rest Quantity	Quantity
1	prod	441	441	10	2	-1

fig. 131 The Stock Exchange window

The User has to enter the quantity for every product, which will be sold. And after the User has to select all the product which will be sold. The **intuality™** system will take only the selected items. This is needed, because **intuality™** system have to know (product tracing) which product (serial number) will going into the invoice.

Book in the Outgoing Store

The “**Book in the outgoing store**” is used to manage the products, which are ready from production and have to be stored into the Outgoing Store. After the click on the Outgoing Store menu, the “Book in the outgoing Store” window will appear:

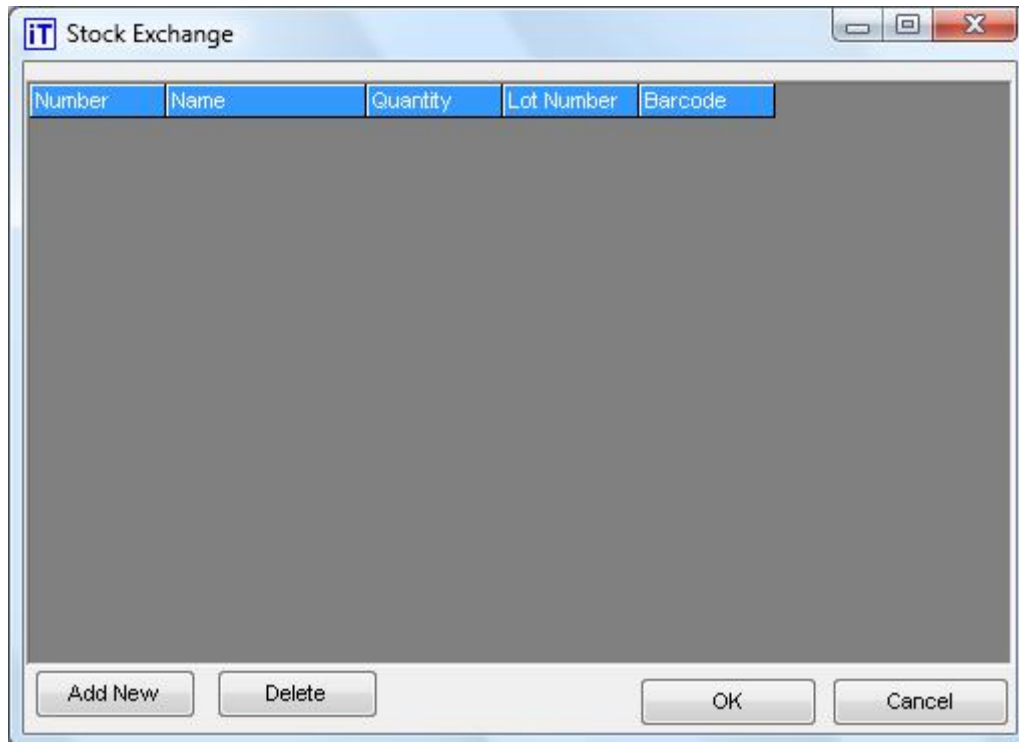


fig. 132 The Book in the Outgoing Store window

The material is described with:

- product number;
- product name;
- quantity – the quantity, which User will book in the store;
- lot number – the number of the lot of ready product;
- barcode – the barcode of ready product;

If the User wants to delete the Product, he/she has to click on the “**Delete**” button.

To book in the products, the User has to click on the “**OK**” button.

To cancel the operation the User has to click on the “**Cancel**” button.

The “**Barcode**” textbox is used for fast barcode or lot number entering, depending on the barcode drop-down list.

To see the current status, the User has to select the current product and has to double click. If the User wants to add new products he/she has to click on the “**Add New**” button. And the “**Outgoing Store Income**” window will appear:

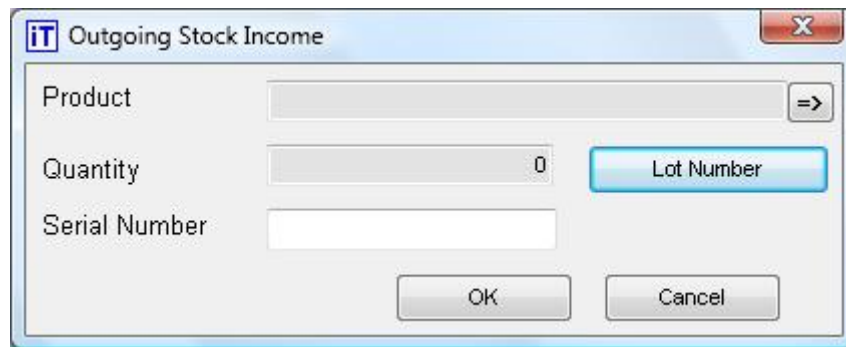


fig. 133 The Outgoing Store Income window

The “**Product**” is used for the product. The field is disabled. When the User click on the button in the right side of textbox the “**Products**” window will appear. After choosing the product, in the field “**Product**” will be appear the number and the name of the product.

The User has to enter the Serial Number of the products in “**Serial Number**” text box.

The User has to choose the lot number. The User has to click on the “**Lot Number**” button and the “**Outgoing Store Lot**” window will appear:

Lot Number	Barcode
334	Normal

fig. 134 The Outgoing Store Lot window

The User has to select lot and click on the “OK” button.

Reports

The most important part of **intuality™** system is “**Report**” menu, because this menu shows all the information, analysis and statistic, thanks to information entered in Ware Income Quality control.

Suppliers Evaluation

The “**Supplier Evaluation**” is used to evaluate the suppliers in the any period. After the click on the “**Supplier Evaluation**” menu, the “**Suppliers Evaluation**” window is appearing:

Quantity	15	Flawless	100	1
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fig. 135 The Supplier Evaluation window

To get correct result, the User has to set the criteria. From the “**Type**” drop-down list User can choose the type of material – article, consumable, etc...

The “**Material**” is used for the material. The field is grey, because is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Material**” field. After click on the button, depending on the “**Type**” drop-down list the current window appears. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field “**Material**” will be appear the number and the name of the material.

The “**Supplier**” field is used for the supplier of the material. The supplier can be choosing by the button in the right side. After click on the button, the “**Suppliers**” window appears. After choosing the supplier, in the field will be appear the number and the name of the supplier.

The result will be for period defined between the “**From**” and “**To**” date.

After setting the criteria, the User can get the result by click on the button “**Result**”. To clear all the criteria the User have to click on the “**Clear**” button. To close the window the User has to click on the “**Close**” button

The **intuality**™ system shows the result in the next fields:

- all the deliveries – in the “**Deliveries**” field;
- the result in percent – in “**Result**” field;
- the type of the suppliers, depending on the Supplier Evaluation Rate

Material Income Chart

The “**Material Income Chart**” menu is used to show the statistical information about the deliveries of the current material. After the click on the “**Material Income Chart**” menu, the “**Material Income Chart**” window is appearing:

The screenshot shows a window titled "Material Result" with a standard Windows interface (min, max, close buttons). The window contains several input fields and a chart area. At the top, there is a "Type" dropdown menu set to "Tool". Below it is a "Name" field containing "1 Tool" and a button with "=>". To the right of these is a "Chart" button. Below the "Name" field are two "Date" dropdown menus. Further down is a "Criteria" field. Below that are three rows of input fields: "Measured" (1), "Good" (1), and "Non Conformity" (0); "Min Value" (100), "Average Value" (100), and "Max Value" (100). At the bottom is a large empty chart area with a vertical axis on the left and right, both ranging from 0,0 to 1,0 in increments of 0,1. A "Close" button is located at the bottom right of the window.

fig. 136 The Material Income Chart window

To get correct chart, the User has to set the criteria. From the “**Type**” drop-down list User can choose the type of material – article, consumable, etc...

The “**Name**” is used for the material. The field is grey, because is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Name**” field. After click on the button, depending on the “**Type**” drop-down list the current window appears. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field “**Name**” will be appear the number and the name of the material.

The result will be in the period between the “**From**” and “**To**” date.

After setting the criteria, the User can get the chart by click on the button “**Chart**”. The chart is depending on the criteria for material. Thanks to “**Back**” and “**Next**” buttons the User can get information for every criteria of the current material. To close the window the User has to click on the “**Close**” button

The **intuality™** system shows the result in the next fields:

- the current criteria name – in the “**Criteria**” field;
- how many pieces from material is measured, depending on the AQL Level, in “**Measured**” field;
- how many pieces from the measured material, depending on the AQL Level, are good, in “**Good**” field;
- how many pieces from the measured material, depending on the AQL Level, are bad, in “**Non conformity**” field;
- the minimal value of the measured material, in “**Min Value**” field;
- the average value of the measured material, in “**Average Value**” field;
- the maximal value of the measured material, in “**Max Value**” field.

Material Income Result

The “**Material Income**” menu is used to show the information about the material income. After the click on the “**Material Income**” menu, the “**Material Income Report**” window is appearing:

Material Numl	Material Nam	Date	Supplier Num	Supplier Nam	Invoice numb	Quantity	Block Type
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fig. 137 The Material Income Result window

To get correct result, the User has to set the criteria. From the “**Type**” drop-down list User can choose the type of material – article, consumable, etc...

The “**Material**” is used for the material. The field is grey, because is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Material**” field. After click on the button, depending on the “**Type**” drop-down list the current window appear. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field “**Material**” will be appear the number and the name of the material.

The “**Supplier**” field is used for the supplier of the material. The supplier can be choosing by the button in the right side. After click on the button, the “**Suppliers**” window appears. After choosing the supplier, in the field will be appear the number and the name of the supplier.

The “**Invoice**” field is used for the invoice. The invoice can be choosing by the button in the right side. After click on the button, the “**Invoices**” window appears. After choosing the invoice, in the field will be appear the number of the invoice.

The result will be between the “**From**” and “**To**” date.

After setting the criteria, the User can get the result by click on the button “**Result**”. To clear all the criteria the User have to click on the “**Clear**” button. To close the window the User has to click on the “**Close**” button

The **intuality**™ system shows the result in the list. If the User needs the detailed information, he/she has double click on the current material income in the list.

Product Control Result

The “**Product Control**” menu is used to show the information about the product control. After the click on the “**Product Control**” menu, the “**Product Control Report**” window is appearing:

The screenshot shows a window titled "Product Control" with a standard Windows interface. It contains several input fields and buttons. The "Type" field is a dropdown menu currently set to "Product". Below it are text boxes for "Product", "Workplace", and "Operation", each followed by an "=>" button. To the right of these are "Clear" and "Result" buttons. At the bottom, there are "From" and "To" dropdown menus. Below these is a table with the following headers: "Product Num", "Product Nam", "Date", "Workplace N", "Workplace N", "Obligatory", "Operation Nu", and "Operation Na". The table body is currently empty. At the bottom left, there is a progress bar showing "0%". At the bottom right, there is a "Close" button.

fig. 138 Product Control Result window

To get correct result, the User has to set the criteria. From the “**Type**” drop-down list User can choose the type of product – product or sub module.

The “**Product**” is used for the product or sub module. The field is disabled. The product, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Product**” field. After click on the button, depending on the “**Type**” drop-down list the current window appears. If the User is choused the product, the “**Products**” window will appear. If the

User is choosed the sub module, the “**Sub modules**” window will appear. After choosing the product, in the field “**Product**” will be appear the number and the name of the product.

The “**Workplace**” field is used for the workplace, where the product control is done. The workplace can be choosing by the button in the right side. After click on the button, the “**Workplaces**” window appears. After choosing the workplace, in the field will be appear the number and the name of the workplace.

The “**Operation**” field is used for the test operation, for which the product control is done. The operation can be choosing by the button in the right side. After click on the button, the “**Operations**” window appears. After choosing the operation, in the field will be appear the number and name of the operation.

The result will be between the “**From**” and “**To**” date.

After setting the criteria, the User can get the result by click on the button “**Result**”. To clear all the criteria the User have to click on the “**Clear**” button. To close the window the User has to click on the “**Close**” button

The **intuality™** system shows the result in the list. If the User needs the detailed information, he/she has double click on the current product control in the list.

Isolator Report

The “**Isolator**” menu is used to show the information about the material income. After the click on the “**Isolator**” menu, the “**Isolator Report**” window is appearing:

Material Numl	Material Nam	Product Numl	Product Nam	Price Per Unit	Units	Number	Barcode
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fig. 139 The Isolator Result window

To get correct result, the User has to set the criteria. From the “**Type**” drop-down list User can choose the type of material – article, consumable, etc...

The “**Material**” is used for the material. The field is grey, because is disabled. The material, depending on the “**Type**” drop-down list, can be choosing by the button in the right side of the “**Material**” field. After click on the button, depending on the “**Type**” drop-down list the current

window appear. If the User is choused the article, the “**Articles**” window will appear. If the User is choused the consumable, the “**Consumables**” window will appear. After choosing the material, in the field “**Material**” will be appear the number and the name of the material.

The “**Product**” field is used for the product. The product can be choosing by the button in the right side. After click on the button, the “**Products**” window appears. After choosing the product, in the field will be appear the number and the name of the product.

The result will be between the “**From**” and “**To**” date.

After setting the criteria, the User can get the result by click on the button “**Result**”. To clear all the criteria the User have to click on the “**Clear**” button. To close the window the User has to click on the “**Close**” button

The **intuality**™ system shows the result in the list. If the User needs the detailed information, he/she has double click on the current material in the list.

Rejected Materials Report

The “**Rejected Materials**” menu is used to show the information about the material income. After the click on the “**Rejected Materials**” menu, the “**Rejected Materials Result**” window is appearing:

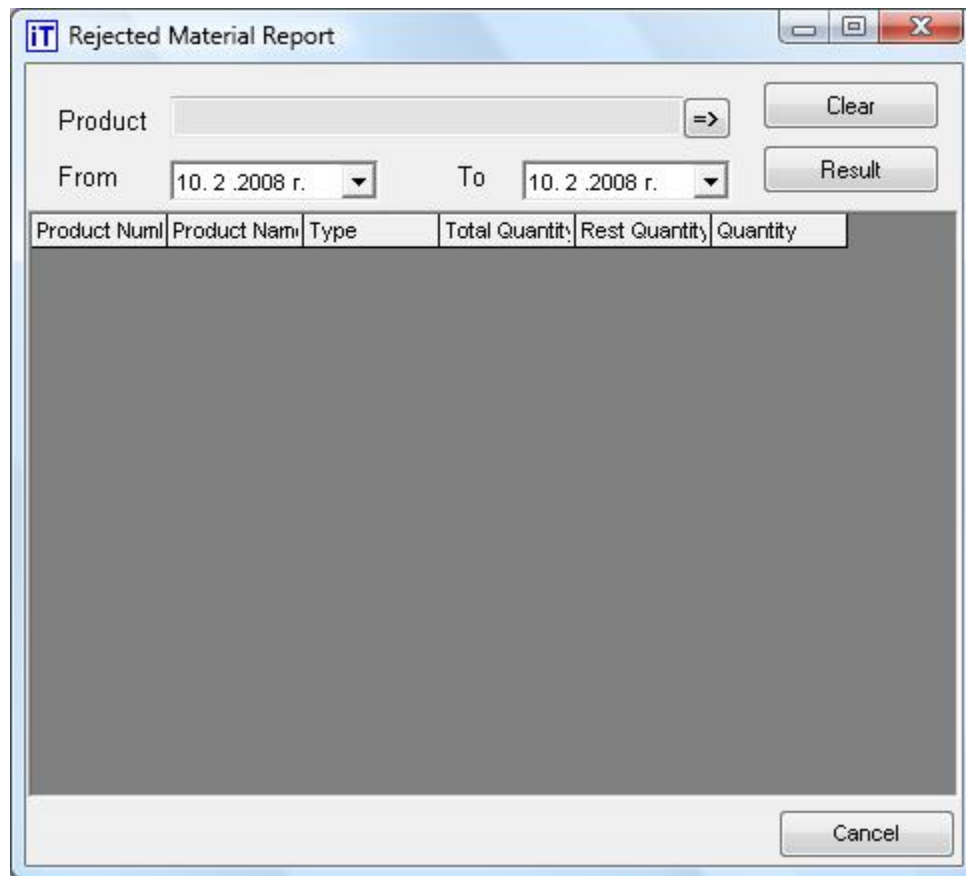


fig. 140 The Rejected Materials Result window

The “**Product**” field is used for the product. The product can be choosing by the button in the right side. After click on the button, the “**Products**” window appears. After choosing the product, in the field will be appear the number and the name of the product.

The result will be between the “**From**” and “**To**” date.

After setting the criteria, the User can get the result by click on the button “**Result**”. To clear all the criteria the User have to click on the “**Clear**” button. To close the window the User has to click on the “**Close**” button

The **intuality™** system shows the result in the list. If the User needs the detailed information, he/she has double click on the current material in the list.