BLUM

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serious solutions

Blum-Novotest Easy Results
Developed by Gosiger

User guide
2014

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Installation

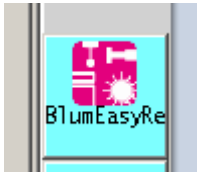Prerequisites:
P200, P200A or P300
THiNC API V1.9.1
.Net Framework Version 4.0

To install the run the setup.exe file and follow the instructions given in the installation wizard.

Starting the software

There are three ways to start the software: The Windows Start Menu, The Windows Desktop or the button on the Okuma Vertical Function Key Menu (see image below).
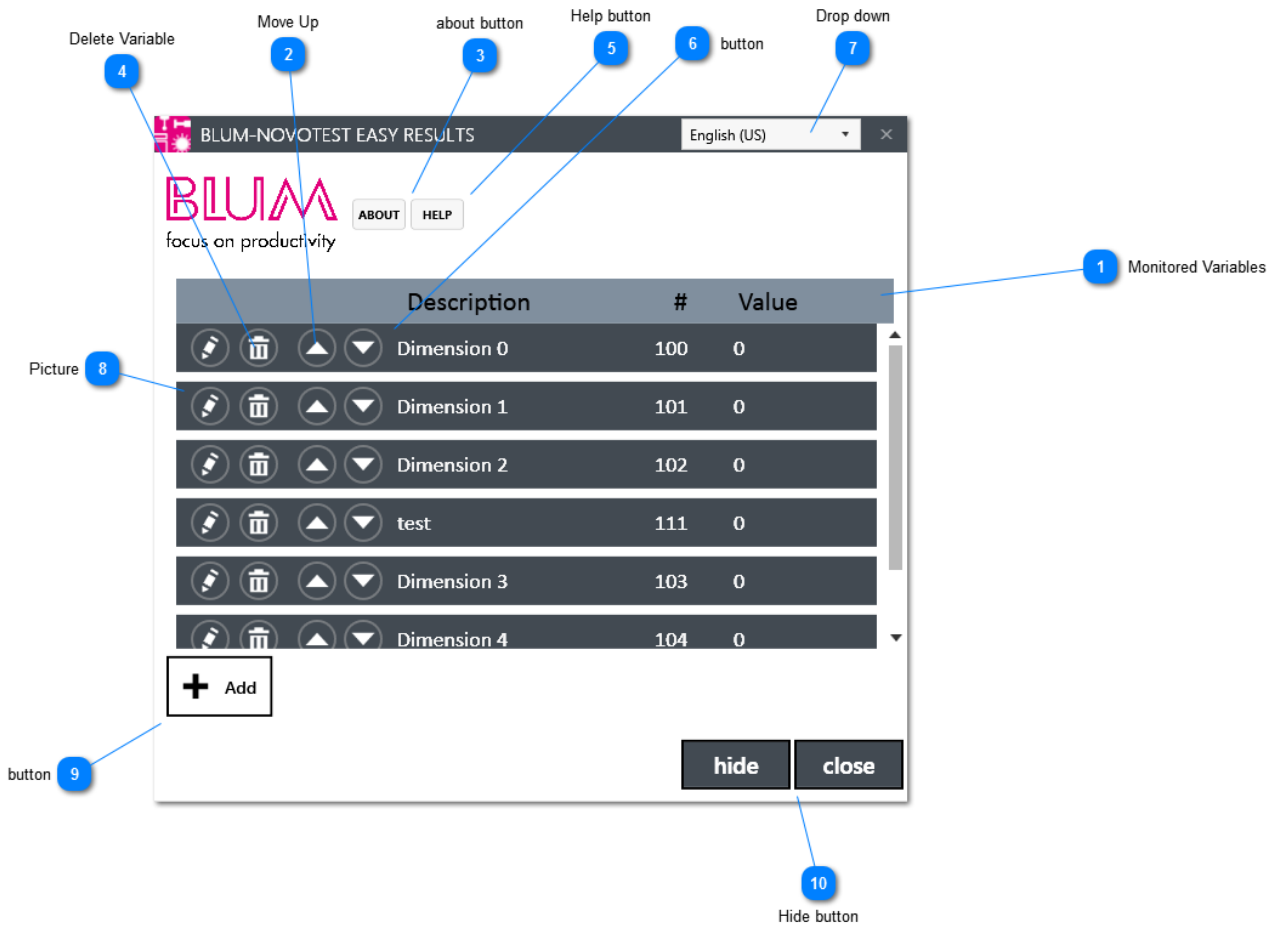
System Tray Icon

When the Blum Easy Result software is running there will be a Blum Icon in the system tray as seen in this picture. You can bring up the main application window by single or double clicking the icon.

Blum-Novotest Easy Results window

Delete Variable
④

Move Up
②

about button
③

Help button
⑤

⑥ button

Drop down
⑦

BLUM-NOVOTEST EASY RESULTS   English (US) ▾   ✕

BLUM
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ABOUT   HELP

① Monitored Variables

				Description	#	Value
✏	🗑	▲	▼	Dimension 0	100	0
✏	🗑	▲	▼	Dimension 1	101	0
✏	🗑	▲	▼	Dimension 2	102	0
✏	🗑	▲	▼	test	111	0
✏	🗑	▲	▼	Dimension 3	103	0
✏	🗑	▲	▼	Dimension 4	104	0

Picture ⑧

+ Add

button ⑨

hide   close

⑩

Hide button

---

① Monitored Variables

✏	🗑	▲	▼	Dimension 0	100	0
✏	🗑	▲	▼	Dimension 1	101	0
✏	🗑	▲	▼	Dimension 2	102	0
✏	🗑	▲	▼	test	111	0
✏	🗑	▲	▼	Dimension 3	103	0
✏	🗑	▲	▼	Dimension 4	104	0

---

② Move Up

▲

Move the selected variable up in the list of displayed variables.

about button

3

ABOUT

Shows the about window.

Delete Variable

4

Removes this variable from the list of monitored variables.

Help button

5
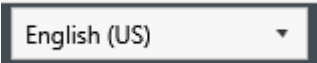
HELP

Opens this help file.

button

6

Move the selected variable down in the list of displayed variables.

Drop down

7

English (US)
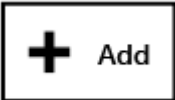
Changes the language of the user interface.

Picture

8

Opens the edit dialog for the selected variable.

button

9

+ Add

Creates a new variable and adds it to the list.

Hide button

10

hide

Hides this window. It can be reopened either by double clicking the icon in the system tray or by clicking on the button in the vertical function key menu.

Easy Results window

Variable results ①

Dismiss button ③

Save Results button ②
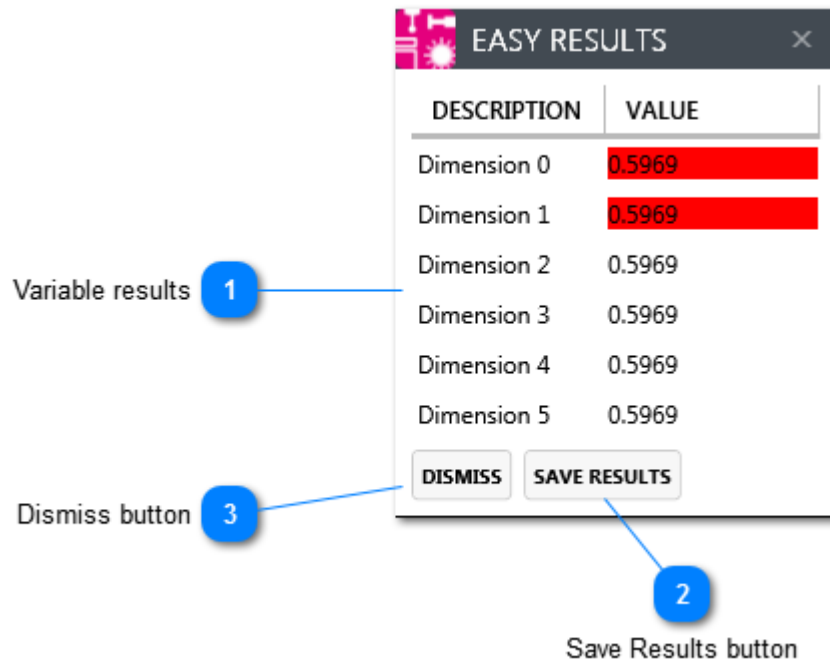
① Variable results

DESCRIPTION	VALUE
Dimension 0	0.5969
Dimension 1	0.5969
Dimension 2	0.5969
Dimension 3	0.5969
Dimension 4	0.5969
Dimension 5	0.5969

② Save Results button

SAVE RESULTS

Save results to a CSV file located in the 'PROBING RESULTS' folder on the desktop.

③ Dismiss button

DISMISS

Closes the results window

Edit window

Variable Number

100

The number of the variable you wish to monitor

Lower Limit

-1

If the current value of the variable specified in the Variable Number field has a value lower than the value specified here the background of the value display will be set to the color specified by 'Out of Range Color'

Upper Limit

-1

If the current value of the variable specified in the Variable Number field has a value greater than the value specified here the background of the value display will be set to the color specified by 'Out of Rangd Color'

Description

Dimension 0

Name the variable somehting to make it easier to keep track of them.

5   **Notify if value changes**

: ☑

Is the box is checked the results window will be displayed whenever the value of the variable specied in the 'Varaibel Number' box changes the results window will be displayed.

6   **Out of Range color**

The background color of the 'value' text when it is outside the Lower and Upper Limits.

Troubleshooting

The log files and variable definition files are stored in the Blum-Novotest folder in My Documents. The folder path is C:\Documents and Settings\[User Name]\My Documents\Blum-Novotest\Blum Easy Results.

If you are experiencing problem with the software please email a copy of the log files from this directory to jweaver@gosiger.com.

The file 'variables.json' located in the Blum Easy Results folder is the definition file describing which variables will be monitored. You can delete this file and restart the application at any time to reset to factory defaults. This file is also portable so that it can be taked from one machine to another.

variables.json format

Below is the contents of the default variables.json file located in the Blum-Novotest folder in My Documents. Any changes made to this file will show up the next time the application is started. If you make edits to this file and it becomes corrupt simply delete the file and the default values will be re-written.

```json
[
  {
    "VariableID": "4b0a397c-ec1c-41b9-9539-806da7c503f5",
    "DisplayOrder": 0,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 0",
    "VariableNumber": 100,
    "UpperLimit": 0.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
  },
  {
    "VariableID": "e7eaf9fa-a473-4d01-8e0f-b045f466649a",
    "DisplayOrder": 1,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 1",
    "VariableNumber": 101,
    "UpperLimit": 1.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
  },
  {
    "VariableID": "88e3d039-e0d9-4f65-a51e-47aa0b484bbd",
    "DisplayOrder": 2,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 2",
    "VariableNumber": 102,
    "UpperLimit": 2.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
  },
  {
    "VariableID": "45fe794b-9bc1-427d-ba68-73446abc6b4a",
    "DisplayOrder": 3,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 3",
    "VariableNumber": 103,
    "UpperLimit": 3.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
  },
  {
    "VariableID": "09b267ce-acd8-49a8-8516-e1513405b97e",
    "DisplayOrder": 4,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 4",
    "VariableNumber": 104,
    "UpperLimit": 4.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
```

```json
  },
  {
    "VariableID": "ca2c6077-7e13-45b4-a97b-1f5b975794ea",
    "DisplayOrder": 5,
    "HighlightColor": "#FFFF0000",
    "Description": "Dimension 5",
    "VariableNumber": 105,
    "UpperLimit": 5.0,
    "LowerLimit": -1.0,
    "NotifiesOnChange": true
  }
]
```