BLUM Gauging Guide (BGG)
Installation instructions

Software
Version
Control

English
184234, 184235
V2
Okuma OSP-M | OSP-L
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We always supply the latest software version. If another version is requested, please contact our Service Department / Hotline.

Prior to the start up procedure it is mandatory to check if the parameters and the software range are already used by other programmes. If so, the cycles must be adapted because overwriting of used parameters and data can have unpredictable influence on the machine and could cause damage.
After finishing the installation, the used parameters and the performed changes to programme and machine must be documented.
Blum-Novotest GmbH is not liable for damages to the machine due to programming errors or faulty application of the measuring cycles. Installing the measuring cycles, the mentioned warranty exclusions are accepted.
We reserve the right for technical modifications which improve the product. All suggestions for improvement are gladly accepted.
Decisive for the technical contents is the language version of the manufacturer (DE/EN).
Original operating instructions

Please read the manual carefully first, then start up the measuring system and the measuring cycles!

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1. Introduction

1.1 Explanation of warnings

**NOTICE**

indicates measures to prevent material damage.

1.2 Keys

📖 Information on related literature

✍ Additional advice

1.3 Further applicable documents

📖 Please also consider the documentation of the control manufacturer.

1.4 Intended use

The **BLUM Gauging Guide** is a software component that can assist users with the creation of the measurement call statements by using diagrams, pictures, and text. The assistance provided by the **BLUM Gauging Guide**: easy, intuitive and clear. Allows any level of user to program, in few clicks, any kind of measuring feature with the BLUM products.
2. Installation conditions
Windows: XP / 7 / Vista / 8 / 10
- 512 MB RAM minimum
- 200 MB of hard drive space minimum
.NET Framework 2.0 ²
Adobe Reader 10.1 ²
Okuma OSP Control: P100 II/ P200 / P200A / P300 / P300A / P300S
Okuma THINC API 1.9.1.0 or higher version ¹
¹ Without API the direct copy to the MDI function would not work
² Provided with the installation package

NOTICE
Faulty software installation possible
If Windows XP Service Pack 2 or higher is not installed, the Gauging Guide will not complete the installation process.
► Please contact the nearest Okuma distributor for assistance.

NOTICE
Faulty software installation possible
Without the API, the programme will still install correctly, but functionality will be limited.
► If the Okuma THINC API is not installed, please contact the nearest Okuma distributor for assistance.

2.1 Check the THINC API status
If THINC API is active the correspondent symbol will be in Green

If THINC API is not active the correspondent symbol will be in White

3. Compatible BLUM Measuring Products
BLUM LaserControl NT
BLUM LaserControl NT H6
BLUM LaserControl NTH3D
BLUM Touch probe
BLUM Z-Nano
BLUM ZX-Speed

4. Software packages
OSP-M
184234_Setup BLUM Gauging Guide V2.x.x.x.exe
OSP-L
184235_Setup BLUM Gauging Guide V2.x.x.x.exe
5. Installation of the BLUM Gauging Guide

This software can be installed on either a standard PC or on an Okuma OSP control.

**NOTICE**

**Faulty software installation possible**

If the notes in this manuals are not observed, a faulty software installation will result.

▶ Please pay attention to the notes in the following chapters.

1. Start the control in windows only mode.
   1. When the control starts the following screen appears.

   ![Screen shot](image)

   You have 10 seconds to follow this procedure before the countdown is done.
   In P300A the countdown is reduced to 3 seconds. The procedure has to be done quickly.

2. Press the Touchable screen in any place.

3. Press the Cancel Key.

4. Press the Write Key.
5. Now the control is in windows only mode.

2. Search your executable file “18xxxx_Setup Blum Gauging Guide V2.x.x.x.exe” and Double-click it to begin the installation.

The .exe file can be executed from any location. For example: a USB memory stick.

3. Follow the installation assistant.
   1.
2.

![Image of Blum Gauging Guide Setup]

Welcome to the Blum Gauging Guide Setup Wizard

The Setup Wizard will install Blum Gauging Guide on your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.

3.

![Image of Select Installation Folder]

Select Installation Folder

This is the folder where Blum Gauging Guide will be installed.

To install in the folder, click "Next". To install to a different folder, enter it below or click "Browse".

Folder: [Path to installation folder]

Advanced Installer:

4.

![Image of Ready to Install]

Ready to Install

The Setup Wizard is ready to begin the Blum Gauging Guide installation.

Click "Install" to begin the installation. If you want to review or change any of your installation settings, click "Back". Click "Cancel" to exit the wizard.

Advanced Installer:
4. The installation is done.

- The installation of Adobe Reader must be allowed to complete even if other installations of Adobe products already exist.

- If the installation of the .NET Framework requires Windows to be restarted, ensure that the machine is started back up in “Windows Only Mode” in order to properly complete the installation.

5. Restart as normally the control.
6. Click the following software key from the Okuma Vertical Function Menu.

7. The BLUM Gauging Guide shortcut will appear in the top of the popup submenu.
6. Features of the BLUM Gauging Guide

6.1 Buttons

6.1.1 Exit
Close the application.

6.1.2 Minimize
Minimize in the application in the Windows Tools bar.

6.1.3 Back
Goes back to the previous menu screen.

6.1.4 Home
Goes back to the home screen.
The home screen is different according to the selected package.

OSP-M Home Screen

OSP-L Home Screen
6.1.5 Settings

Goes to Setting screen.

6.2 Setting screen

6.2.1 Application Data Port

The BGG, when running, ‘listens’ on a TCP port. The primary purpose of this is to provide single-instance operation. If the BGG is already running, and another instance of it is launched, the new instance will detect the older instance, command it via the TCP port to display itself, and then the newer instance will close.

This behaviour allows the BGG to be launched in any way available on the Okuma THINC control, and still operate as a single-instance application.

6.2.2 Language

Select your desire language from the drop box.

6.2.3 Startup Page

If this setting is checked, the BGG will open to the last page that was displayed when it was most recently closed.

After checked this setting the setting must be save with the save button.

Saves the Resume At Last Page option.
6.2.4 Page configuration

If this setting is checked, the Configurator Mode is active. Now is possible to go through the menus and hide any desire single element. Once the choice is done, is necessary to uncheck the Configuration Mode to make effective the changes.

6.2.4.1 Products

- Show the product
- Hide the product

6.2.4.2 Screens

- Show the cycle
- Hide the cycle
6.2.4.3 Parameters

- **Show the parameter**
- **Hide the parameter**
6.3 Cycle screen

6.3.1 Transfer
On Okuma machines only, this will place the current Call Statement in to the MDI buffer, via the Okuma THINC API.

6.3.2 Copy
Will cause the Application to copy the current Call Statement to the Windows Clipboard.

6.3.3 Delete
Reset all current cycle parameters values.

6.3.4 Help
Opens the Programming Manual of the current product in Acrobat Reader.
7. Service

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