



## The FlexProgrammer 9701 kit

The FlexProgrammer 9701 is the dedicated configuring tool for a wide range of Baumer products.

The kit consists of

- FlexProgrammer 9701
- CD with the FlexProgram PC software
- USB cable
- Cable with 2 alligator clips
- Cable from FlexProgrammer to M12 plug for TE2
- Cable from FlexProgrammer to M12 Plug for various instruments such as LBFS and PBMN

## Installation of FlexProgram PC software

### WARNING!



**Do not connect the FlexProgrammer 9701 to your PC before the installation of the FlexProgram software.**



- 1) Quit all programs and insert the CD.
  - a) The CD will start an automatic installation.
  - b) If your autorun function has been disabled the installation should be done manually.  
Select the "FlexProgram\_Package" folder at the CD and run the .exe-file.
- 2) During installation you will be prompted for
  - a) User rights for the software
  - b) Folder name for the FlexProgram installation.
- 3) After the installation the FlexProgram will start automatically.


## Charging of battery of the FlexProgrammer 9701


- 1) Connect the FlexProgrammer 9701 to your PC to ensure that the battery will be recharged.
- 2) The battery will be discharged if the FlexProgrammer 9701 is not connected to a PC for some time.
- 3) It takes up to 16 hours to fully charge the FlexProgrammer 9701.
- 4) When receiving the FlexProgrammer 9701 it may be necessary to charge it before use.

## FlexProgrammer 9701 menu



Press  and  simultaneously to enter the FlexProgrammer 9701 menu containing e.g. Teach-In and Autozero functionalities.

Press  or  to browse the menu

Press  to access current menu point

Press  to return to previous menu

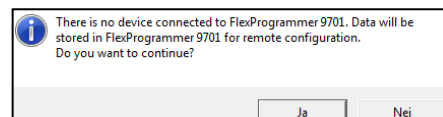
## Reset


Press  and  simultaneously for 5 seconds to reset the FlexProgrammer 9701.

## Store configuration to FlexProgrammer 9701

It is possible to store configuration data from a wide range of Baumer products included in the FlexProgram PC software (except AFI4/AFI5) to the FlexProgrammer 9701 for remote configuration.

- 1) Connect the FlexProgrammer 9701 to the USB port, open the FlexProgram PC software and select the product.  
*Note: Do not connect the product.*
- 2) Press the icon "store to device" and click "yes" to the following screen:



- 3) Once finished a screen shows "Configuration is successful finished".
- 4) Go to the field and connect the FlexProgrammer 9701 to the instrument and press .
- 5) The FlexProgrammer 9701 display will show "Download 'instrument type'".
- 6) Once done the display shows "Download Success".
- 7) New configuration settings are now stored to the instrument.

English

### Downloading FlexProgram and Firmware



Downloading of the FlexProgram PC software and various instrument firmware can be done from the Baumer home page.

*FlexProgram:*

*www.baumer.com > Services > Downloads > Software - FlexProgram Package - B...*

*FlexProgrammer 9701:*

*www.baumer.com > Services > Downloads > Software - FlexProgrammer Firmware...*

*Baumer instrument:*

*www.baumer.com > Services > Downloads > Software - "relevant instrument" Firmware, e.g. CombiPress PFMx Firmware ver...*

Click on the desired download in the "Language" box.

Download and save the file on your PC in a selected directory e.g. on your desktop.

If it is a ZIP-file, please unzip the downloaded file to a selected directory, e.g. on your desktop.

### Installation and update of the FlexProgram software

Open the file with the downloaded, unzipped file, click on the "FlexProgram software package B...exe" and follow the instructions and the FlexProgram will automatically be installed on your PC.

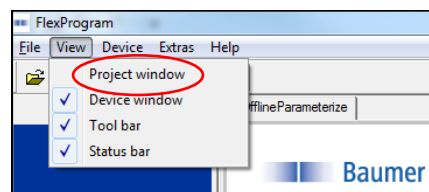
The Basic FlexProgram Package includes drivers for the FlexProgrammer 9701 and all the instruments, that are programmable with this software. A new version will automatically overwrite older versions and you are able to work with the new version as soon as it is installed.

### Update the FlexProgrammer 9701 and instrument Firmware

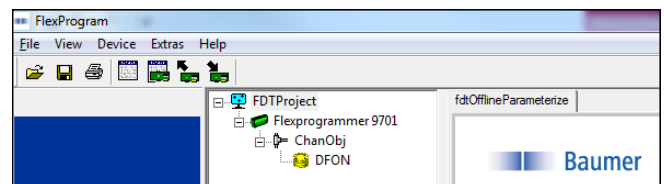
Connect the instrument to the FlexProgrammer 9701 and the FlexProgrammer 9701 to your PC.

Choose the relevant instrument from the list to the left.

Press "View" and click on "Project window"



A project tree appears



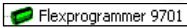
Go to page 3 for FlexProgrammer 9701 firmware update

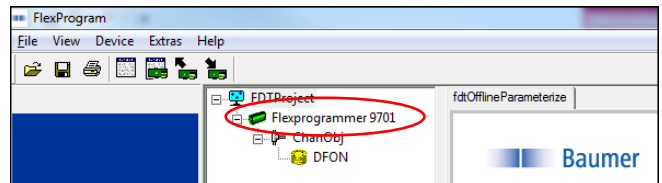
Go to page 4 for instrument firmware update

English

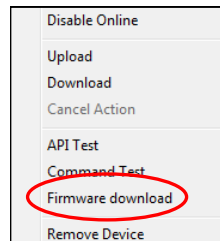
### Updating the FlexProgrammer 9701 firmware



Right click on 

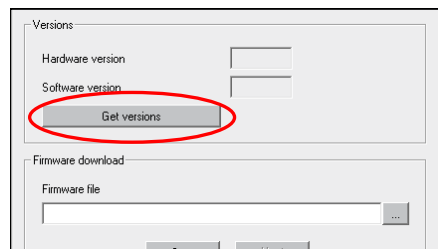


and this selection box will appear



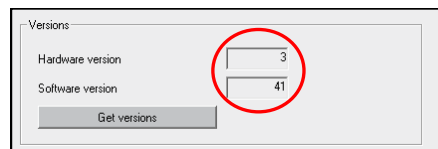
Click on 

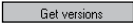
and this window will appear





Press 

and the hardware and software version number will be shown. If your software version has a lower version number than the newest version of the FlexProgrammer 9701 firmware, please update the FlexProgrammer 9701.



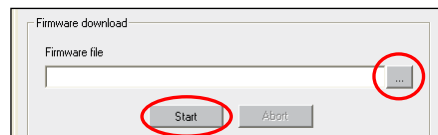
*Note: In case the software is corrupt and shows an error message please close and reopen the FlexProgram. Skip the step  and go directly to Firmware download.*



#### Firmware download

Press  and find and select the unzipped file (.txt file) in your directory and then press 

Update will now take place.

It may take several minutes before the update is completed.



After finishing the update of the FlexProgrammer 9701 please press   simultaneously for 5 seconds on the FlexProgrammer 9701 to complete the installation.

English

### Updating of instrument firmware



Right click on the connected instrument e.g. DFON

and this selection box will appear

Click on Firmware download

and this window will appear

Press Get versions

and the version number will be displayed.  
If your software version has a lower version number than the newest version of the instrument firmware, please update the instrument.

*Note: In case the software is corrupt and shows an error message please close and reopen the FlexProgram.*

Skip the step and go directly to Firmware download.

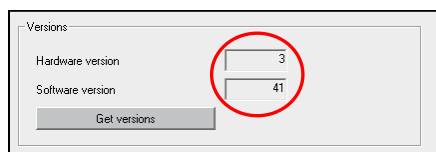
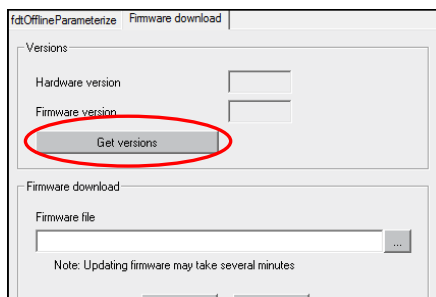
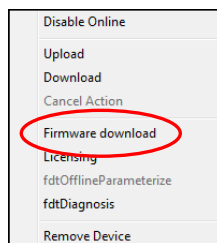
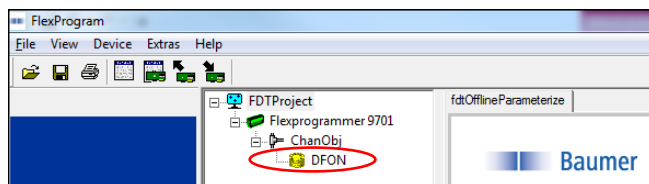
#### Firmware download

Press and find and select the unzipped file (.txt file) in your directory and then press Start

Update will now take place.

It may take several minutes before the update is completed.

When the update of the instrument firmware has been finished successfully the text to the right will be displayed.



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