

# FlexProgrammer 9701

Operated from a PC, supplied from the USB port

Remote operation, supplied from a battery

User-friendly software with help menus

Configures the following products:

Pxxx-series

CPX-series

E6xx-series

FlexView

FlexBar 3501

FlexBar 3431

FlexBar HRT

FlexTop 2201

FlexTop 2202

FlexTop 2203

FlexTop 2204

FlexTop 2211

FlexTop 2221

FlexTemp 2301

FlexTemp 2311

FlexTemp 2321

Level Switch LFFS + LBFS

TE2 with integrated transmitter



## Description

The FlexProgrammer 9701 is the dedicated configuring tool for all the above listed Baumer products.

The FlexProgrammer unit is basically operated and supplied from a standard PC with a USB connector.

A unique feature the FlexProgrammer can be disconnected from the PC and brought to the remote site for monitoring and re-configuration of the Baumer product. In this case the FlexProgrammer is powered by the internal battery. The integrated LC-display enables the user to monitor the actual configuration of a product for control purposes.

The software is based at FDT-container technology and each product is having a DTM based software driver.

The stand alone all-in-one software package named FlexProgram with integrated help menus is easily installed and operated.

In case a customer prefers to use an FDT-container software all the DTM's can be run by this software.

The selected configuration can be stored under a file name determined by the user. A print facility is available for hard copy records.

The »measure« function in the FlexProgram makes it easy for the user to monitor events in a test circuit.

## Technical Data

### Supply voltage

<b>Internal battery</b>	NiMH 2,4 V, 450 mAh
<b>External</b>	Supply and battery charge from USB

### Data transfer

<b>Data input</b>	USB
<b>Firmware</b>	Updated from home page

### EMC data

<b>Immunity</b>	EN 61326
<b>Emission</b>	EN 61326

### Environmental conditions

<b>Operating temperature</b>	0...50°C
<b>Humidity</b>	< 90% RH, non-condensing
<b>Protection class</b>	IP 42
<b>Approval</b>	Configuration of Ex-products <b>outside</b> zone 0,1 or 2
<b>Conformity</b>	To EU-directives, RoHS, VEEE

### Disposal of product and packing

According to national laws or by returning to Baumer

## Installation

### Hardware

The FlexProgrammer 9701 will need a special USB driver to function. It is important that the installation guidelines are followed strictly.

**WARNING:** The FlexProgrammer is not approved to use inside hazardous areas, that is zone 0 and 1.

### Software

The software FlexProgram is loaded automatically when the CD is inserted. The updates as well as each separate DTM can be downloaded from our home page.

## Ordering Details - FlexProgrammer

### FlexProgrammer 9701

Type no. 9701-0001

FlexProgrammer  
Cable with 2 alligator clips  
Cable from FlexProgrammer to M12 plug for TE2  
Cable from FlexProgrammer to M12 Plug for LFFS, LBFS and CPX  
USB cable  
CD with the FlexProgram software

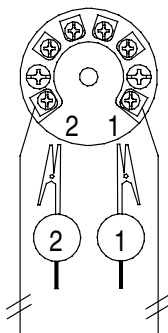
### Extra cable and CD

FlexProgram software on CD  
Cable from FlexProgrammer to M12 plug for TE2  
Cable from FlexProgrammer to M12 Plug for LFFS, LBFS and CPX  
USB Cable  
Cable with 2 alligator clips

Type no. 9701-8001  
Type no. 9701-8002  
Type no. 9701-8005  
Type no. 9701-8010  
Type no. 9701-8011

## Example of application - Configuring FlexTop 2202

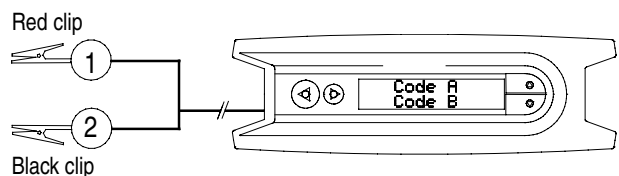
Disconnect loop supply before connecting the FlexProgrammer to FlexTop 2202.



### Reset

Press ← and → simultaneously (the horizontal arrows) for 5 seconds to reset the programmer

### FlexProgrammer 9701



Note: Ambient temperature range 0...50°C

### FlexProgrammer 9701 menu

Press ↑ and ↓ simultaneously (the vertical arrows) 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

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