ScanMaster Enabler
Software for activating the ScanMaster option for ProcessMaster / HygienicMaster
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1 Safety

1.1 General information and notes for the reader
Read these instructions carefully prior to installation and use. These instructions are an important part of the product and must be kept for future reference.
These instructions are intended as an overview and do not contain detailed information on all designs for this product or every possible aspect of use.
For additional information or if specific problems occur that are not discussed in these instructions, contact the manufacturer.
The content of these instructions is neither part of any previous or existing agreement, promise or legal relationship nor is it intended to change the same.
Following the instructions is an essential prerequisite for safe and fault-free operation of the product.

1.2 Note symbols

IMPORTANT (NOTE)
This symbol indicates operator tips, particularly useful information, or important information about the product or its further uses. It does not indicate a dangerous or harmful situation.

1.3 Intended use
The ScanMaster Enabler is used to enable the ScanMaster option locally on ProcessMaster 300 / 500 and HygienicMaster 300 / 500 transmitters.

1.4 Target groups and qualifications
Only trained specialist personnel who have been authorized by the plant operator accordingly are permitted to install and use the product. The specialist personnel must have read and understood the manual and must comply with its instructions.

1.5 Warranty provisions
Using the device in a manner that does not fall within the scope of its intended use, disregarding this manual, using underqualified personnel, or making unauthorized alterations releases the manufacturer from liability for any resulting damage. This renders the manufacturer’s warranty null and void.
2 General description

FZC500 can be ordered from ABB for checking ProcessMaster and HygienicMaster electromagnetic flowmeters.
This PC-based service tool can only communicate with the transmitter via an infrared service port adapter or using a HART modem if the ScanMaster option is activated on the transmitter. When purchasing a new device, the ScanMaster option can be specified in the order number code.

IMPORTANT (NOTE)
See the corresponding operating instructions (UM/FZC500) for information about the FZC500 ScanMaster software.

However, it is also possible to activate the ScanMaster option on the transmitter at a later date, i.e., on site post-delivery (firmware version 01.02.00 or higher with HART and 00.02.00 or higher with PROFIBUS PA and FOUNDATION Fieldbus). The ScanMaster Enabler software is used for on-site activation post-delivery.
You can find out whether the ScanMaster option is activated on the device by selecting the "Device info \ Transmitter \ ScanMaster Option" menu in the device software. "Enabled" is displayed if the option is activated or "disabled" if it is not.

IMPORTANT (NOTE)
Once the ScanMaster Enabler software has been installed, its license must be activated. A request key is generated with the ScanMaster Enabler software.
A license must be purchased for each transmitter on which the ScanMaster option is to be activated.

2.1 System requirements
— Microsoft Windows 2000 SP4 / Windows XP SP2
3 Installation

To install the ScanMaster Enabler software, run the "Setup.exe" file in the "CD:\ScanMaster Enabler" directory. The installation wizard guides you through the installation process.

3.1 Generating the request key

1. In the first window, click "Generate Request Key" to generate the request key.
2. Specify the number of licenses you require as a quantity in the purchase order quoting part number 3KXS071500L0001.
3. Send the purchase order and the request key to the following e-mail address: parts-repair-goettingen@de.abb.com.

When the e-mail is received, a license key is generated which has to be imported into the ScanMaster Enabler software.

3.2 Importing the license key

Once you have received the license key, enter it in the input field at the bottom of the ScanMaster Enabler software screen and click "Import License Key". The number of licenses purchased is displayed on the bottom left under "No. of Licenses". The number of transmitters for which the ScanMaster option has already been activated is displayed on the bottom left under "No. of enabled devices".
4 Starting the ScanMaster Enabler software

1. Start the service port splitter by selecting "Start\Programs\ABB\Service Port Splitter". Shortly after startup, the window disappears again and the service port splitter appears as an icon in the quick start bar.

Fig. 4

2. Start ScanMaster Enabler.

Fig. 5

4.1 Configuring the COM port for the ScanMaster Enabler software

In the case of connection via the infrared service port adapter:
The COM port for the ScanMaster Enabler software must be the same COM port configured in the service port splitter for HART.

In the case of connection using a HART modem:
The COM port for the ScanMaster Enabler software must be the same COM port displayed in the Device Manager (Start -> Settings -> Control Panel -> System -> Hardware -> Device Manager -> Ports (COM & LPT)).

Fig. 6

4.2 Activating the ScanMaster option in the transmitter

Once the correct COM port has been set in the ScanMaster Enabler software, the "Enable ScanMaster" button is displayed in bold if licenses have been purchased.

Click the "Enable ScanMaster" button and activate the ScanMaster option in the transmitter. The following message is then displayed and the "No. of enabled devices" counter on the bottom left goes up by one.

Fig. 7

Activation of the ScanMaster option in the transmitter is now complete and the electromagnetic flowmeter can be checked with the FZC500 ScanMaster software.