FP-3000-Raport

USER MANUAL

Version: 190319EN

metronic

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! Before using the software, refer to the instruction manual.

■ All functions of the software are subject to modifications for the benefit of technical progress.

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1   Hardware requirements

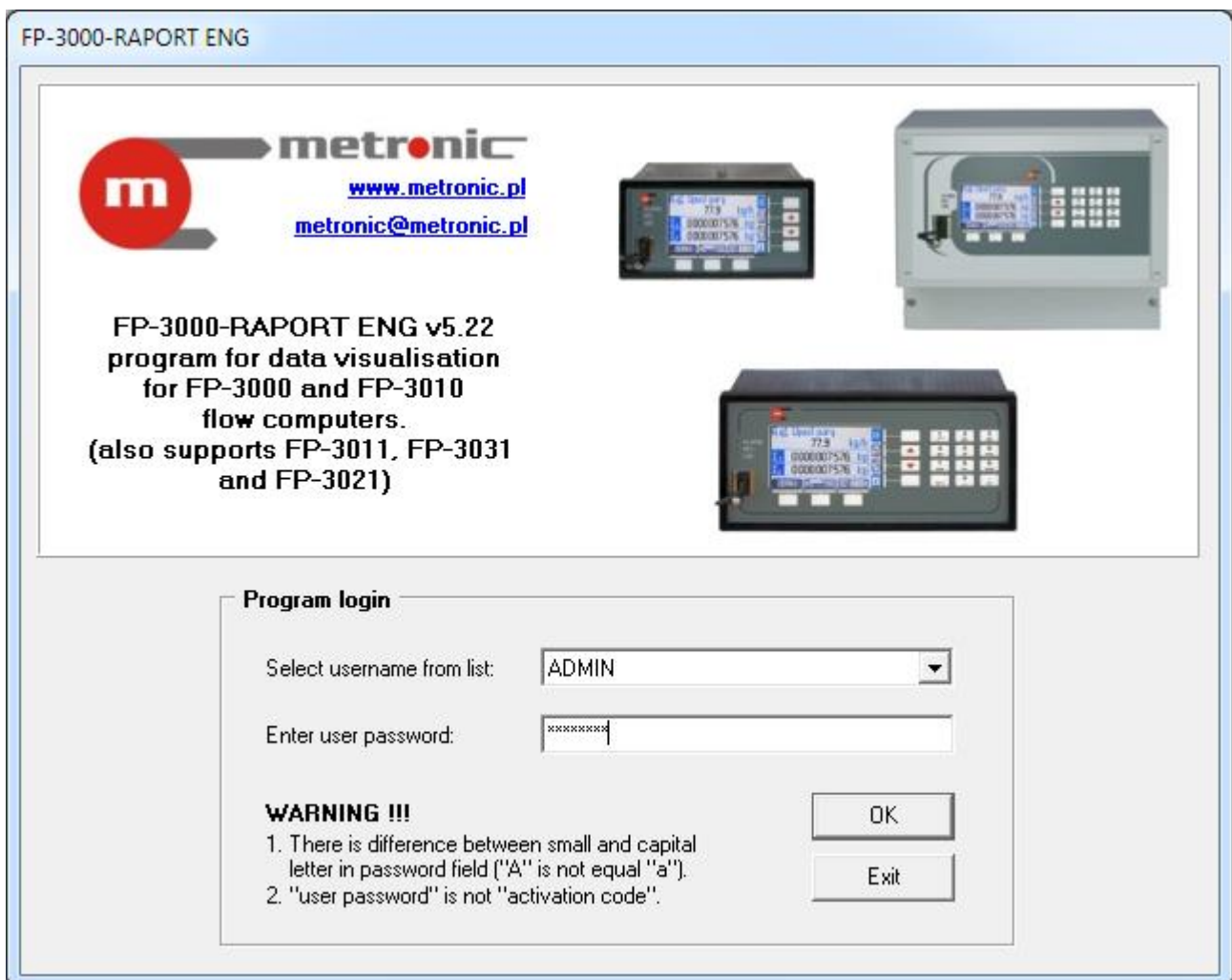| minimum:	screen resolution, mode	1024 x 768, colour
	DPI settings	96 dpi (normal size)
	operating system	WINDOWS 98
	RAM	256 MB
optimal:	screen resolution, mode	1280 x 1024, colour
	DPI settings	96 dpi (normal size)
	operating system	WINDOWS XP / Vista / 7 / 8
	RAM	512 MB or more

2   Log

Fig. 2.1 Login window (username: ADMIN, password: metronic)

Login: ADMIN

Password: metronic

3 Program registration

Program in the demo version have all the functionality of the full version, but turn off automatically after approx. 10 min. In addition there is displayed writing "SOFTWARE DEMO VERSION (program needs registration)".
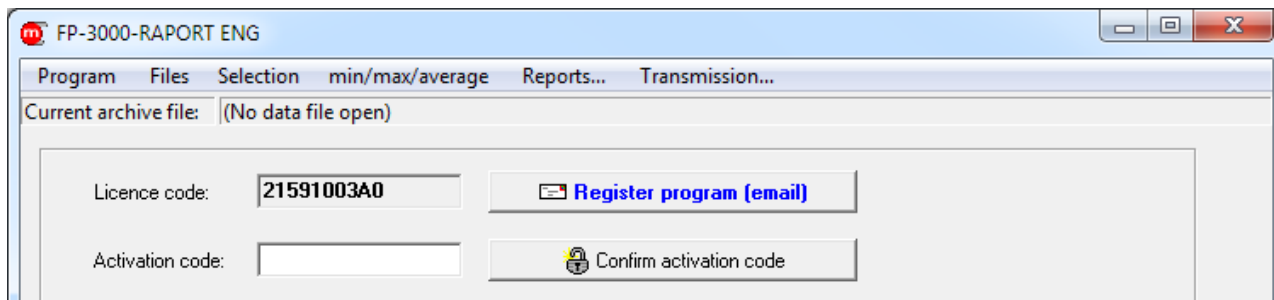
Menu → Program → Program settings…

Fig. 3.1 Program registration

4 Adding/delete user, changing the administrator password

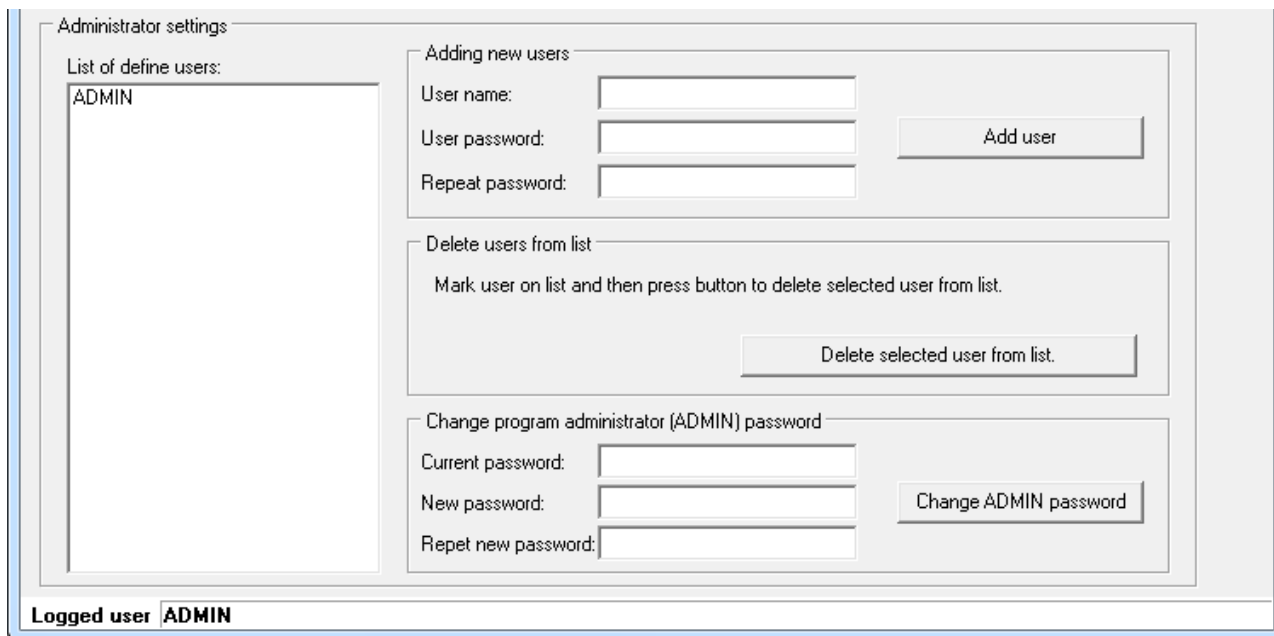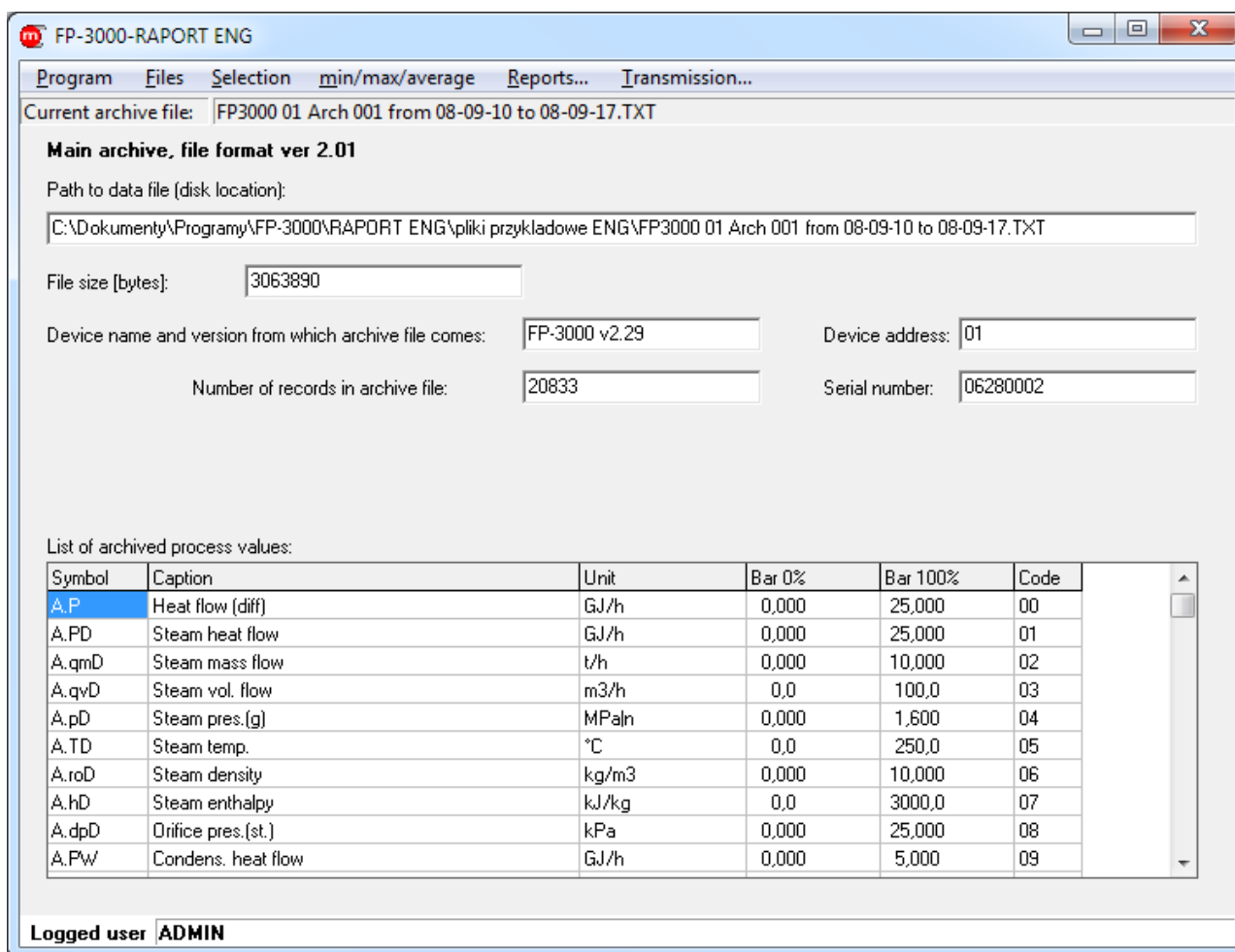Menu → Program → Program settings…

Fig. 4.1 Program settings

5 Analysis and visualization data from computer hard disc

5.1 Information about file

Menu → Files →
        Open main archive file…
        Open hourly archive file…
        Open event log file…
        Open authorization log file…

FP-3000-Raport

Menu → Files → Information about file…

Fig. 5.1 Window with information about the currently open data file

5.2 Combine data files

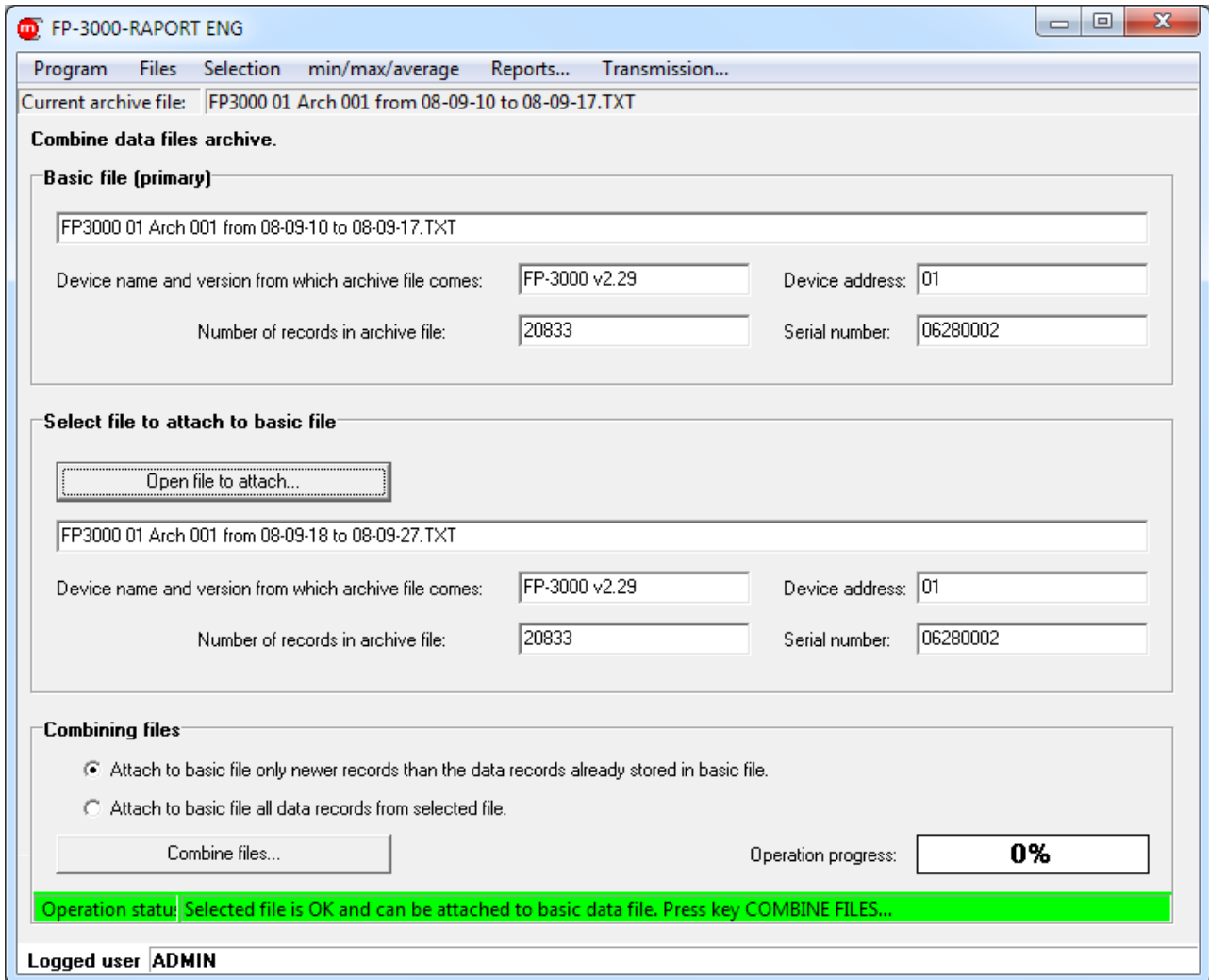Menu → Files → Combine data files…

Fig. 5.2 Combine data files

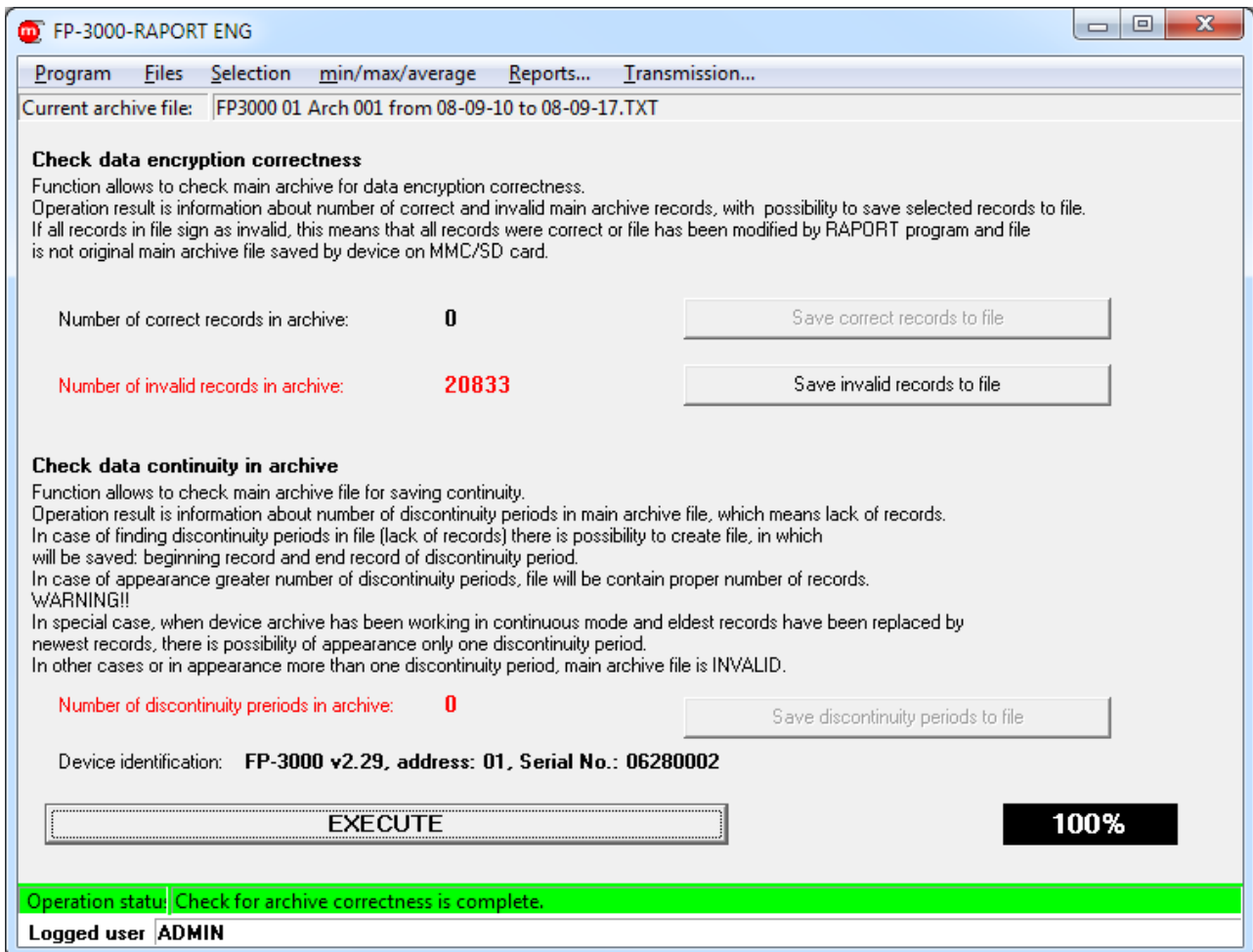## 5.3   File control

Menu → Files → Check data in file…

Fig. 5.3 Check data in file window

5.4   Data selection

Menu → Selection

Find the eldest and the youngest…
Sort by time…
Find from date to date…
Find less then…
Find from range…
Find outside range…
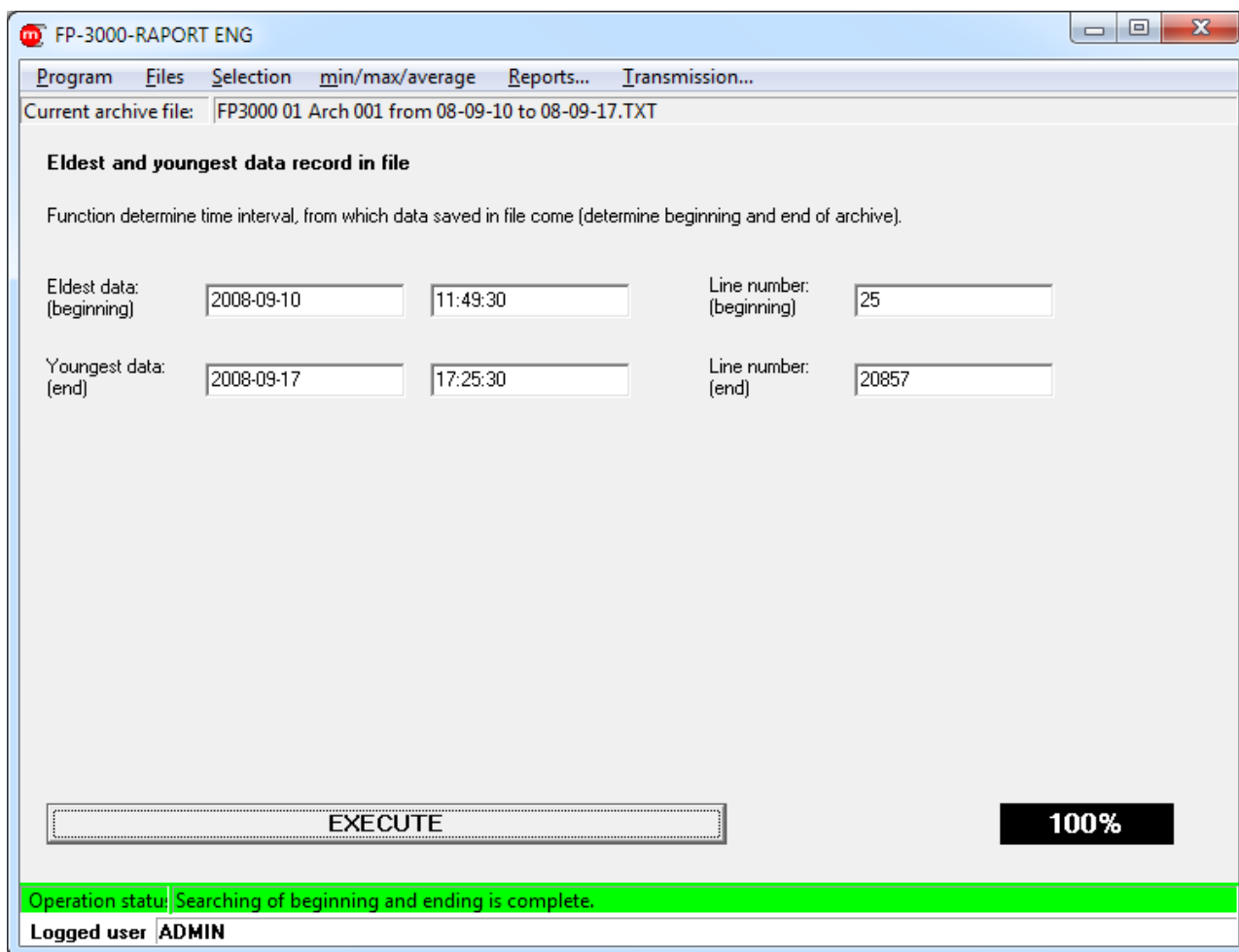Find greater than…

Fig. 5.4 Search the oldest and youngest data record
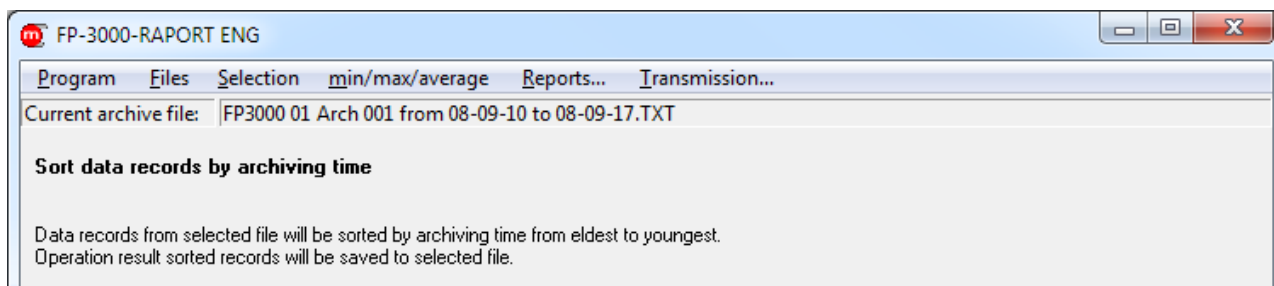

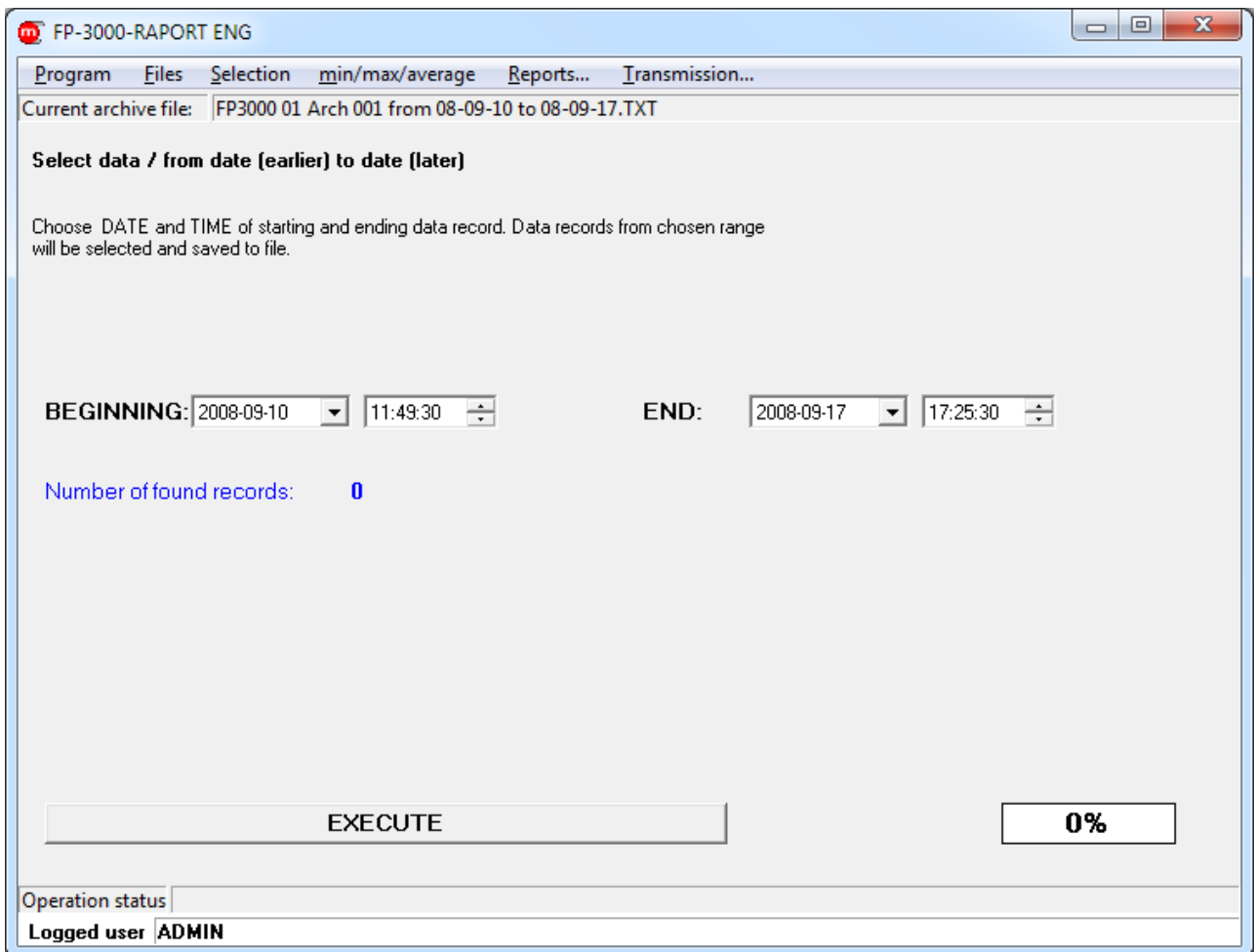*Fig. 5.5 Saving sorted by time archive into new file*
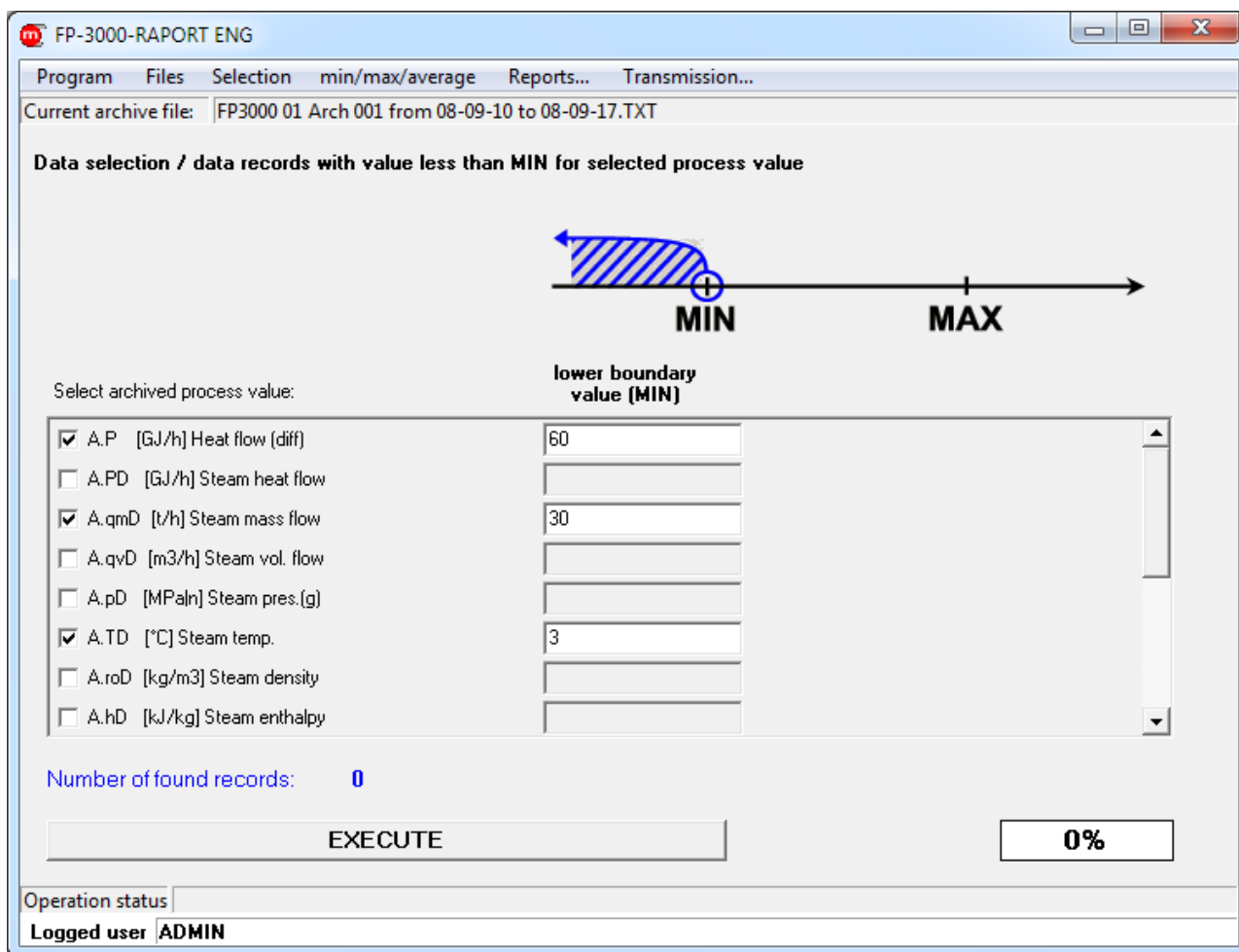
Fig. 5.6 Saving selected time into new file

Fig. 5.7 Saving values less than specified boundary values into new file

5.5 Determination of extremes

Menu → min/max/average
              Minutely minimums…
              Hourly minimums…
              Daily minimums…
              Monthly minimums…
              Minutely maximums…
              Hourly maximums…
              Daily maximums…
              Monthly maximums…
              Minutely averages…
              Hourly averages…
              Daily averages…
              Monthly averages…

Fig. 5.8 Saving records with minimum values from consecutive hourly periods into new file
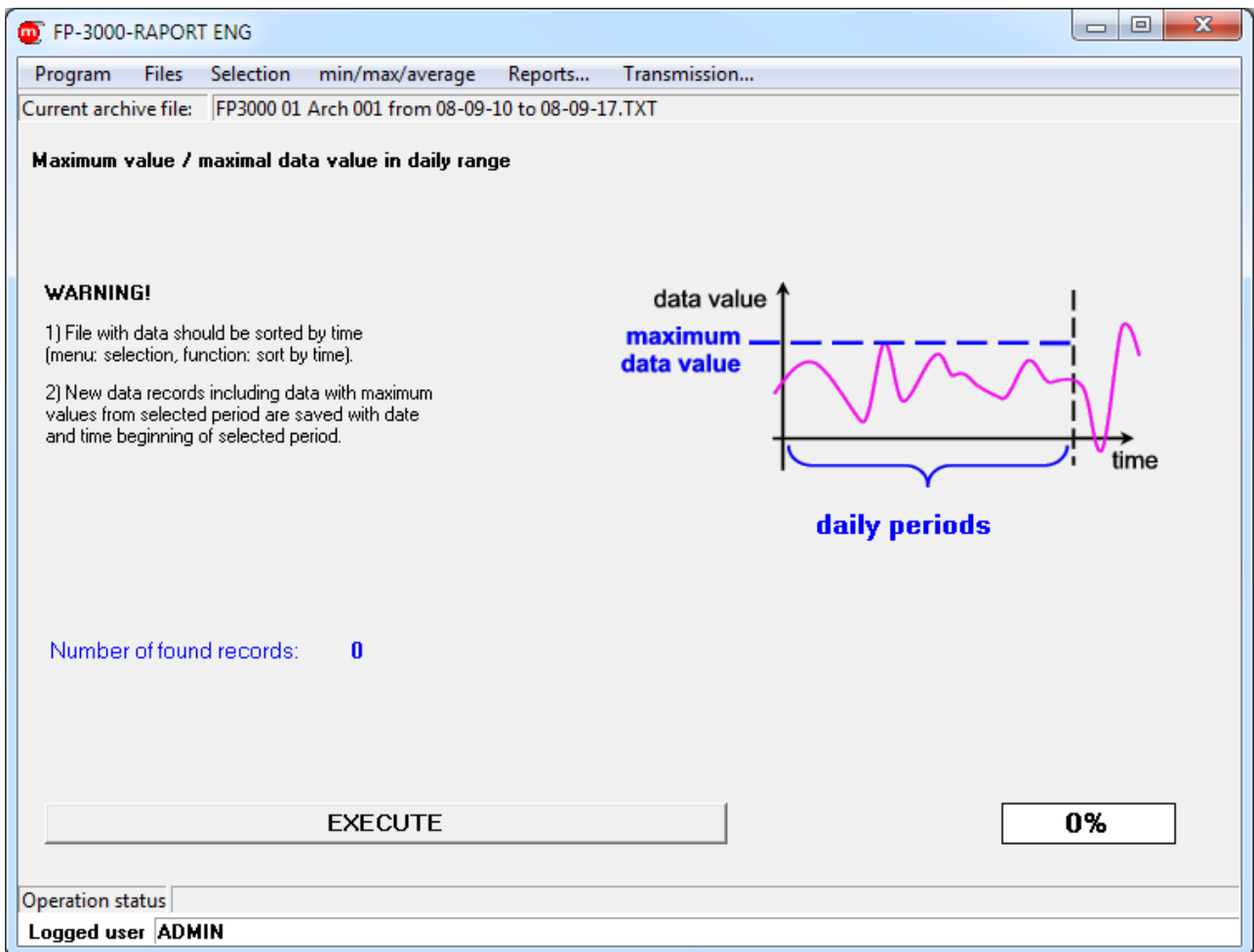
Fig. 5.9 Saving records with maximum values from consecutive daily periods into new file

Fig. 5.10 Saving records with average values from consecutive monthly periods into new file
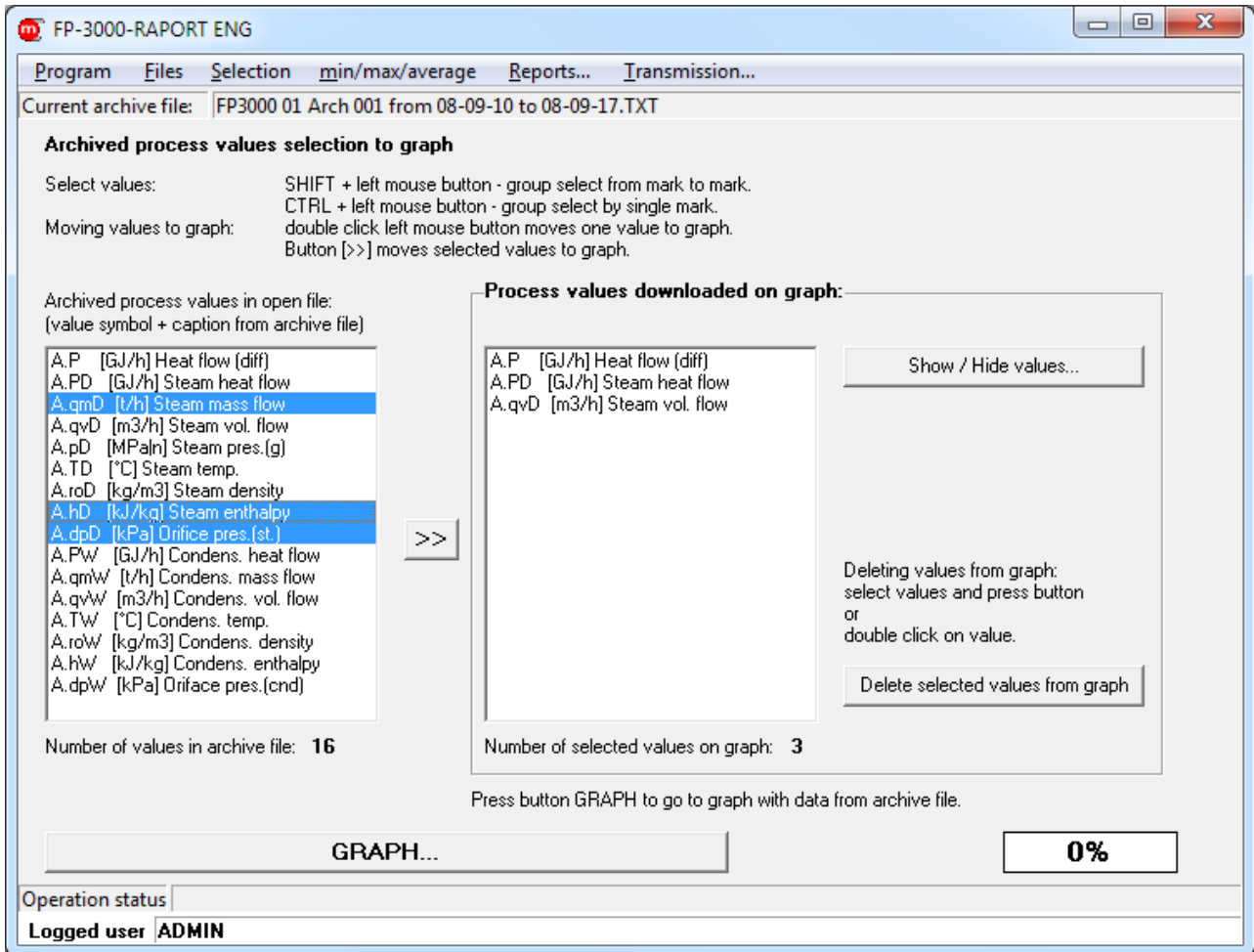
5.6 Preparation of reports: graphs

Menu → Reports…
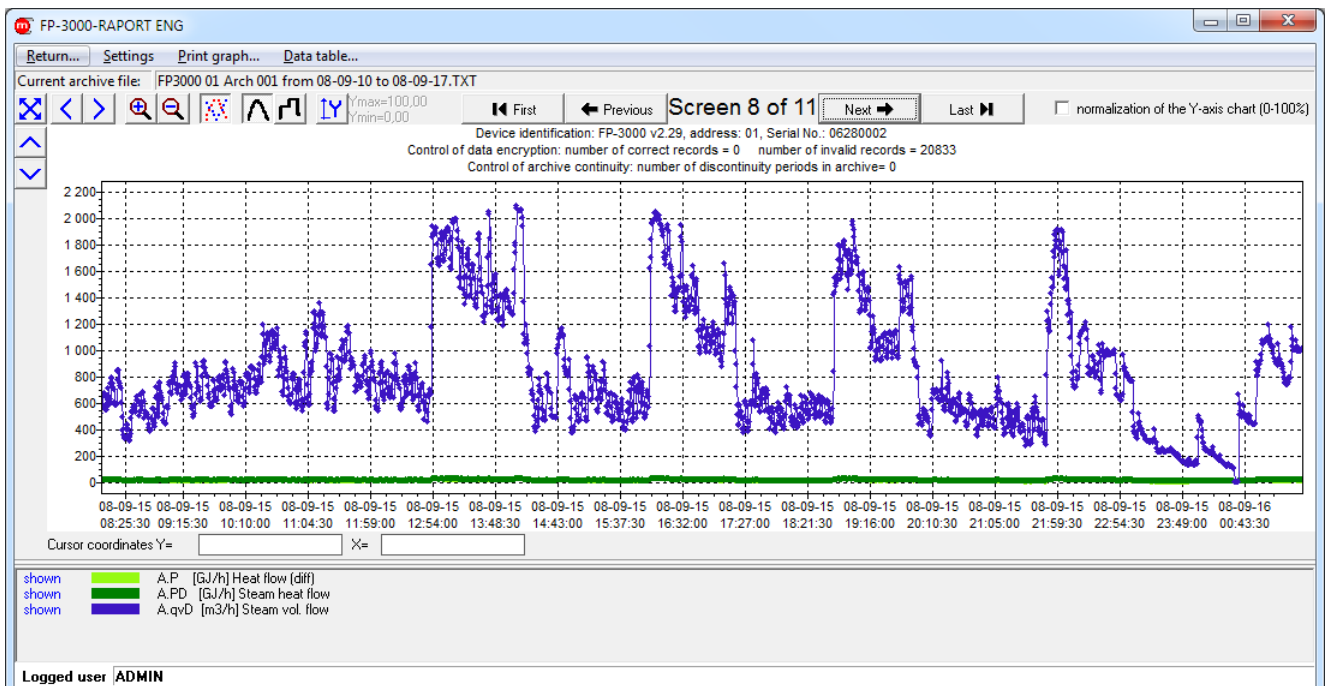

Fig. 5.11 Selection of channel to present on the graph

Fig. 5.12 Graph window

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- Menu → Settings → Show / Hide values…
- Right-click in the graph area → Show / Hide values

- Okno Fig. 5.11 [Show / Hide values...]

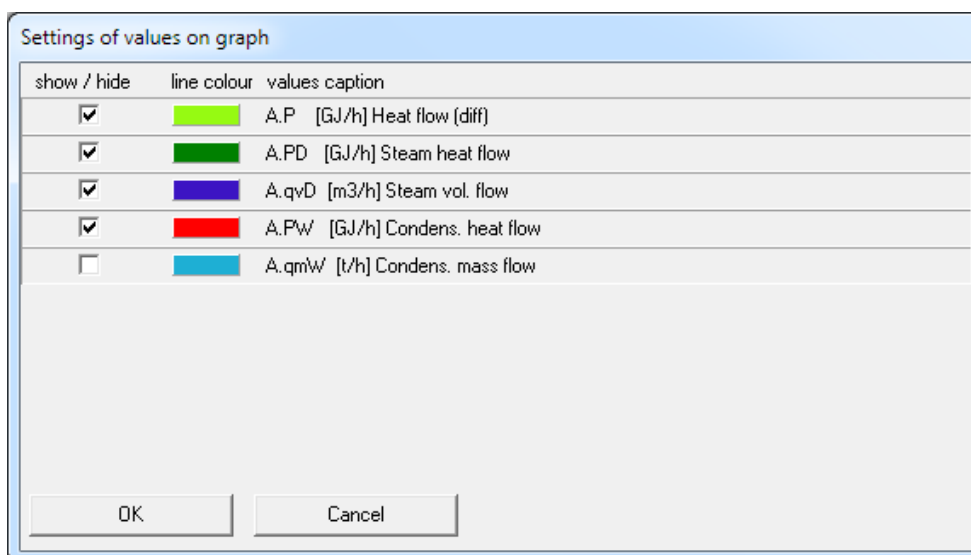*Fig. 5.13 Settings of values on graph*

- Menu → Settings → Graph settings…
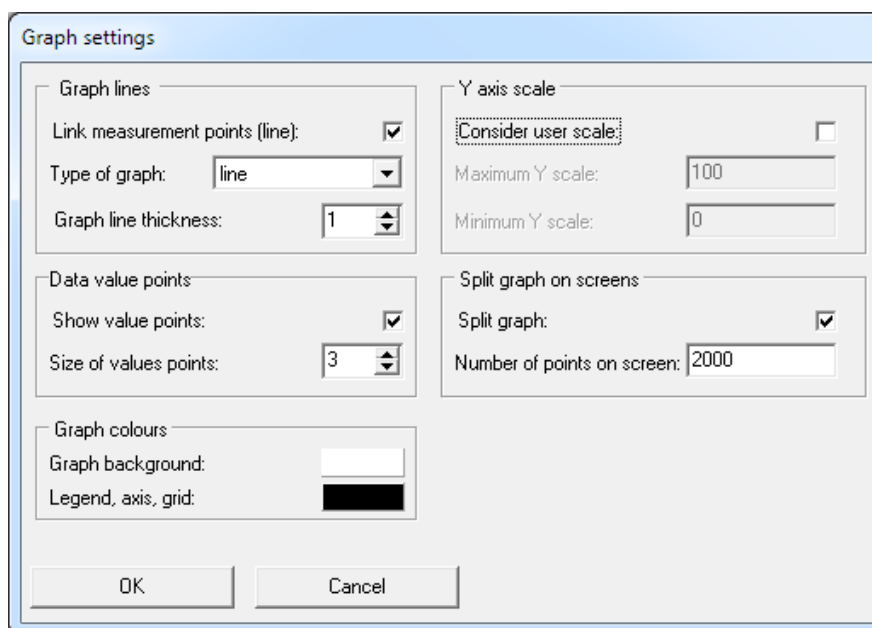- Right-click in the graph area → Graph settings…

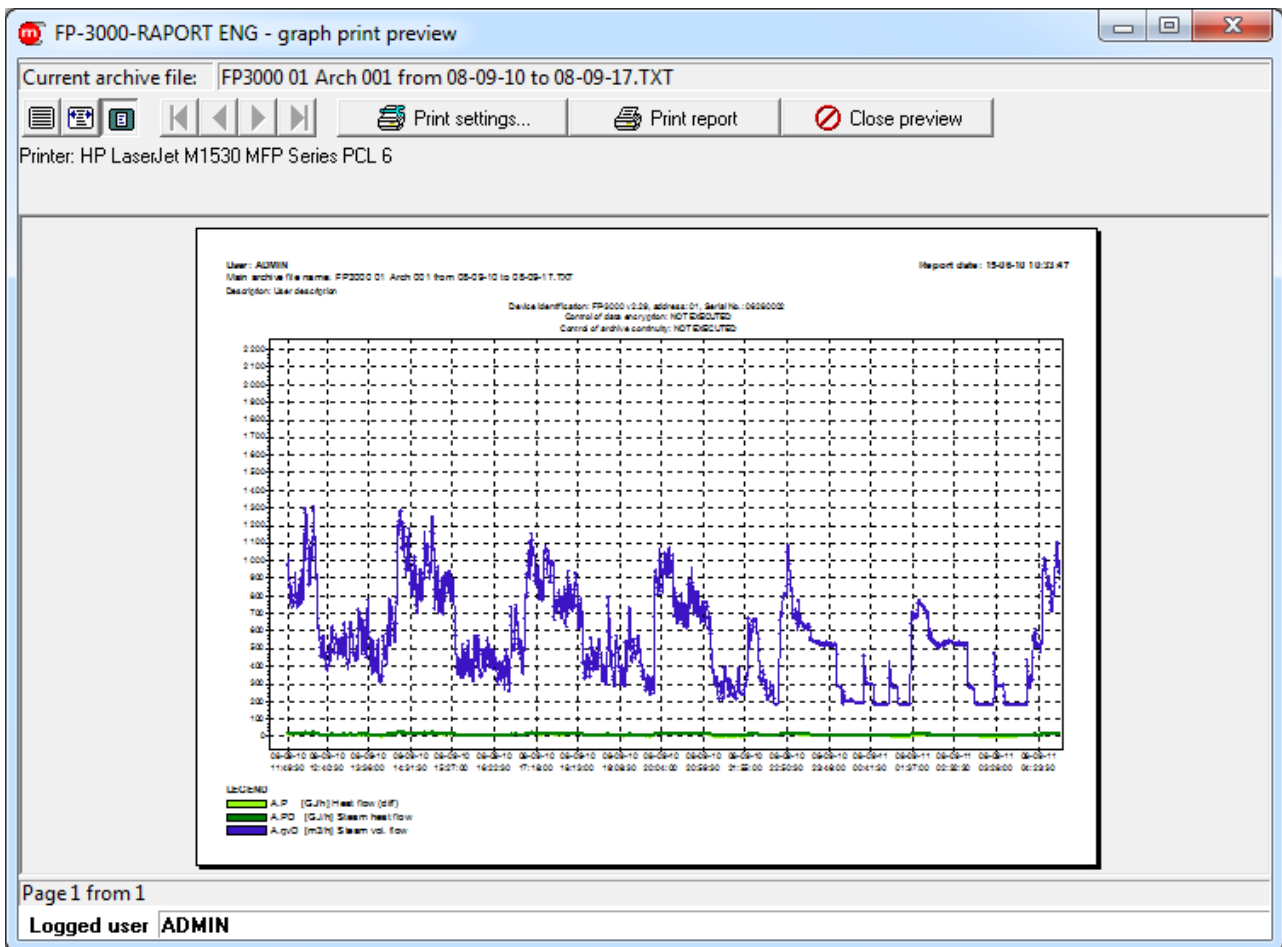*Fig. 5.14 Graph settings*

Window Fig. 5.12 Menu → Print graph…

Fig. 5.15 Graph print preview

5.7 Preparation of reports: tables

Window Fig. 5.12: Menu → Data table …

Fig. 5.16 Data table window

Window _{Fig. 5.16} Menu → Print table…
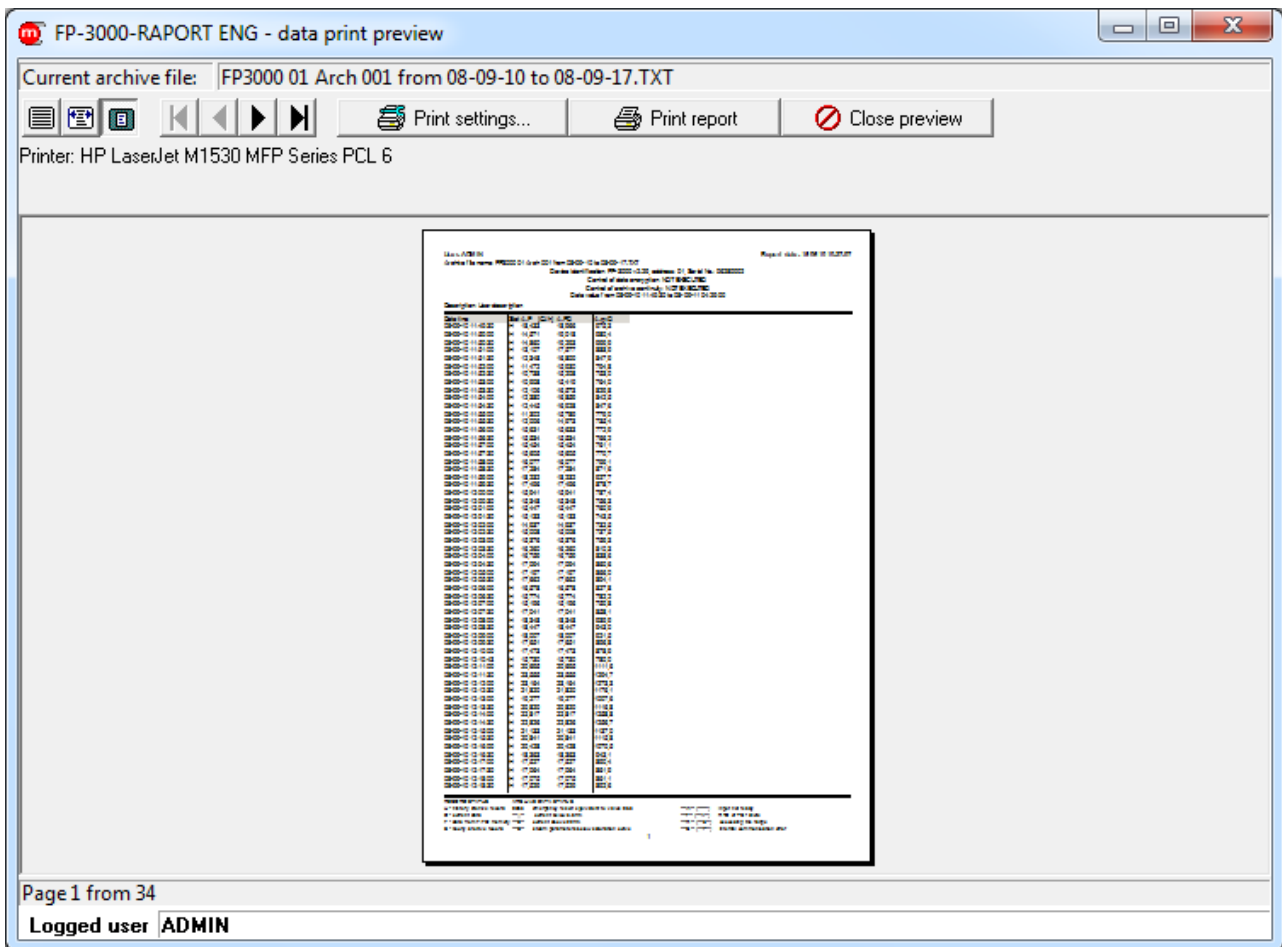

Fig. 5.17 Print data table preview

6 Remote reading of measurement data
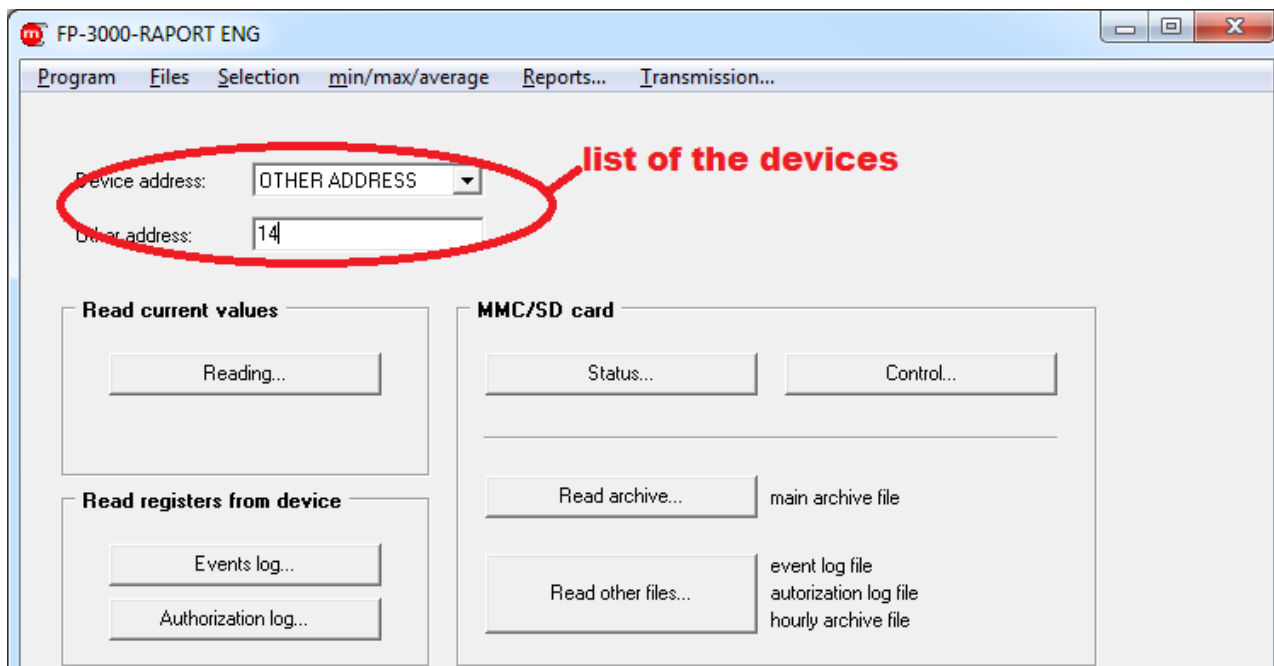
Menu → Transmission…

Fig. 6.1 "Transmission..." window

For each device from the list program separately saves settings of transmission, graphs etc.

6.1 Transmission settings

Windows Fig. 6.5 … Fig. 6.13: Menu → Transmission settings…
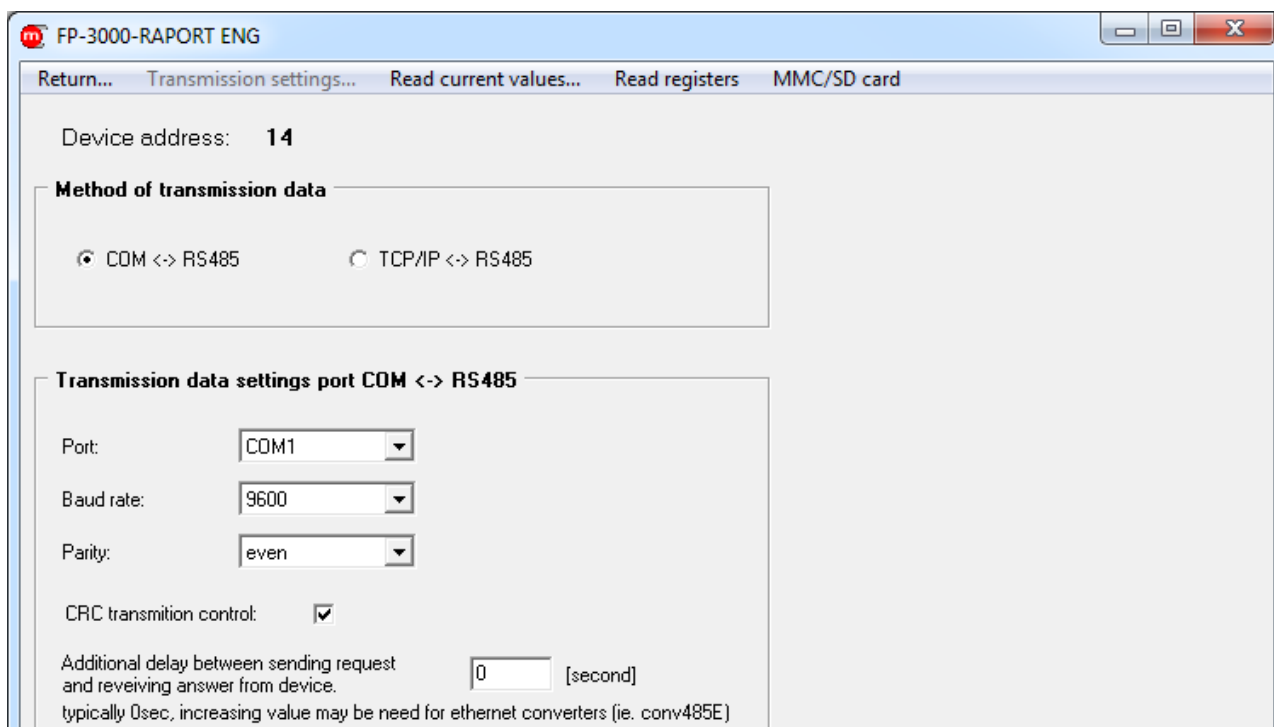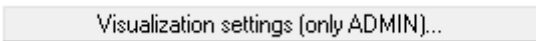

Fig. 6.2 RS485 transmission settings, ASCII protocol

Fig. 6.3 RS485 with RS485 / Ethernet converter transmission settings, ASCII protocol

6.2 Visualisation settings

Windows Fig. 6.7 button [Visualization settings (only ADMIN)...] (available only for admin; function requires initial reading data from the device).
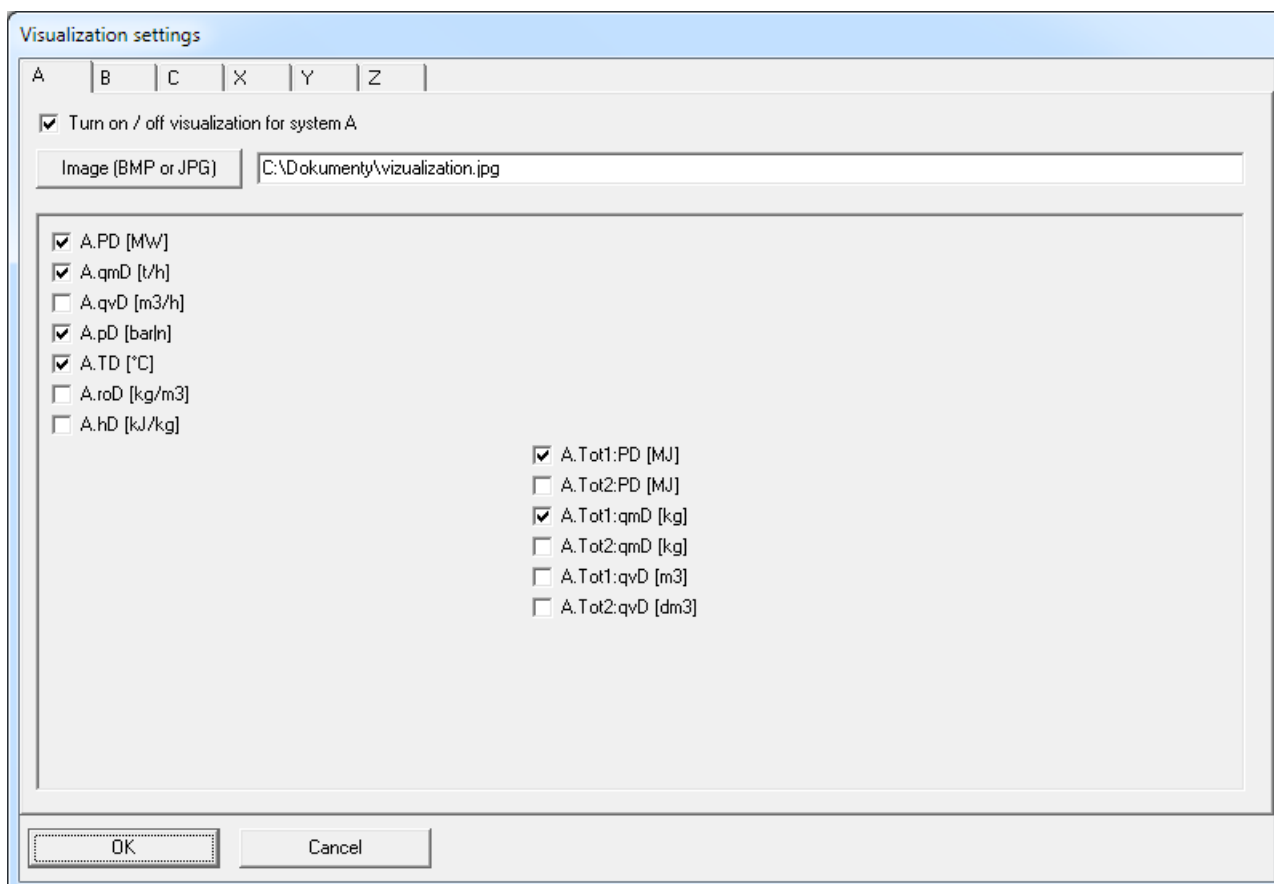

Fig. 6.4 Selection of graphic used in visualization

6.3   Odczyt wyników bieżących

- Window Fig. 6.1 button ▢ Reading...
- Windows Fig. 6.8…Fig. 6.13: Read current values…

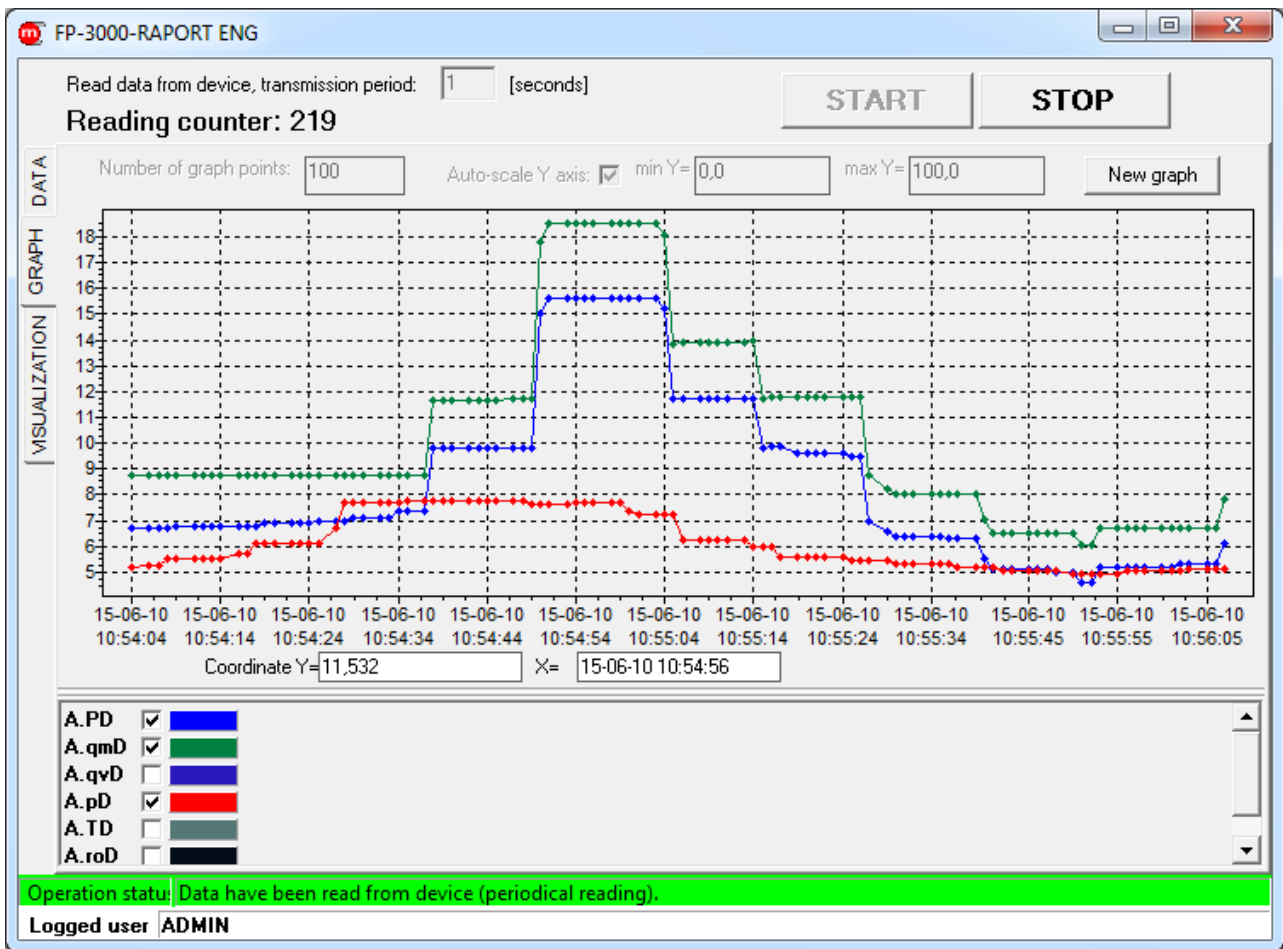*Fig. 6.5 Reading current value – table*
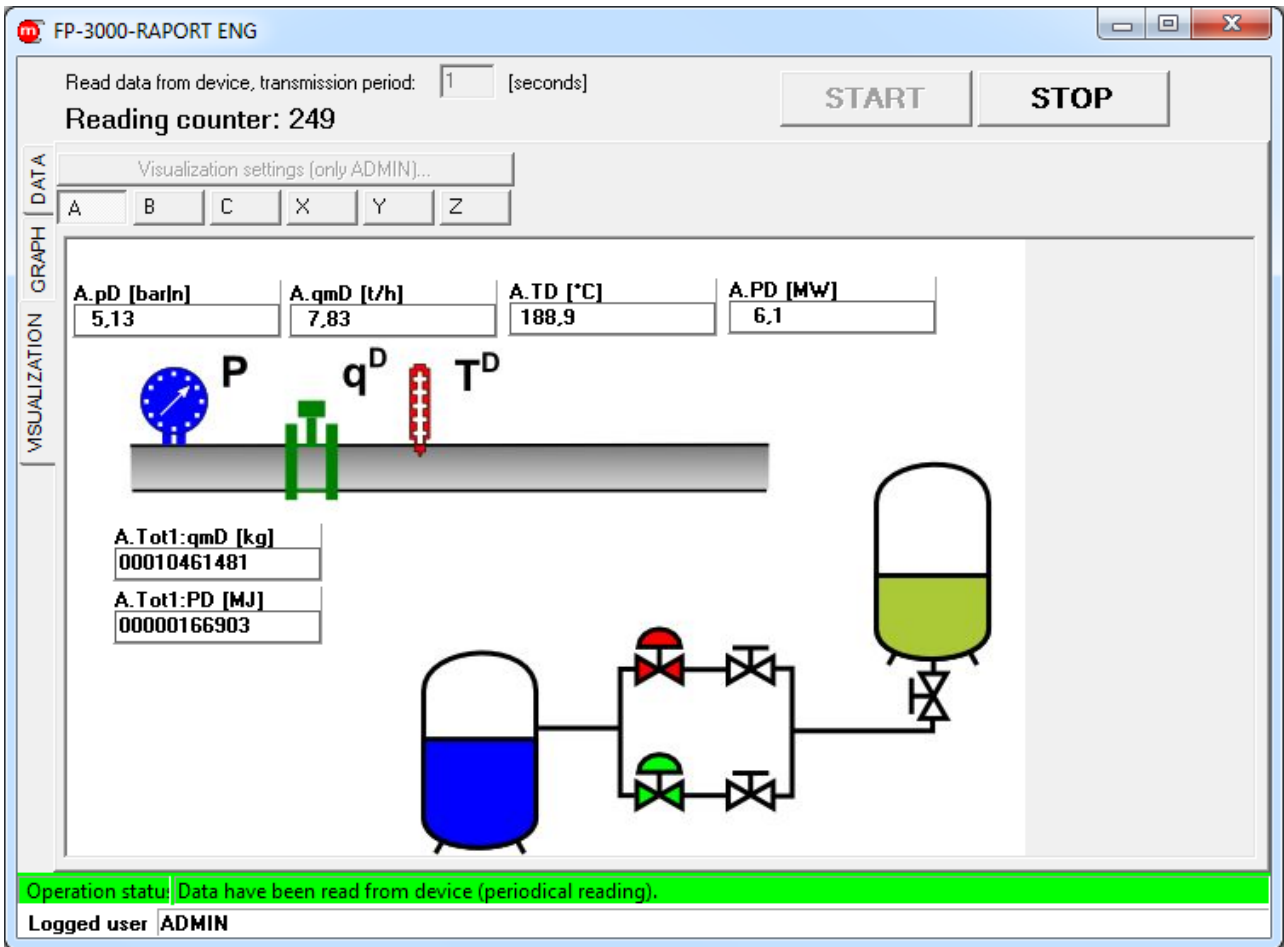
Fig. 6.6 Reading current value – graph

Fig. 6.7 Reading current values – visualization

6.4   Reading from device registers

- Window Fig. 6.1 button [Events log...]
- Windows Fig. 6.5 … Fig. 6.7 and Fig. 6.9…Fig. 6.13: Menu → Read registers → Events log…
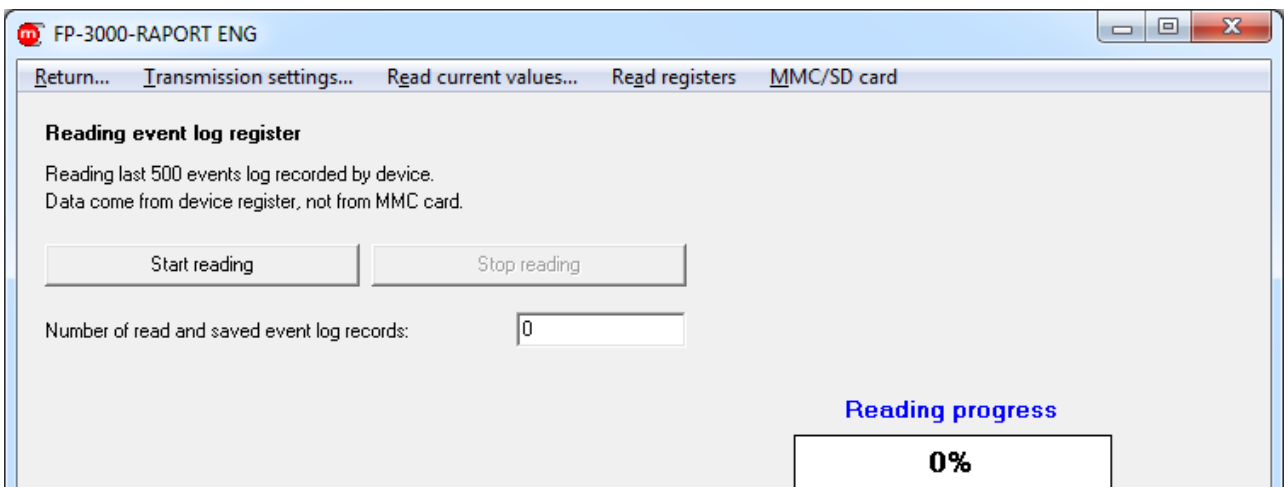

Fig. 6.8 Saving last 500 events logs recorded by device into file

- Window Fig. 6.1 button Authorization log...
- Windows Fig. 6.5 ... Fig. 6.8 and Fig. 6.10…Fig. 6.13: Menu → Read registers → Authorization log…
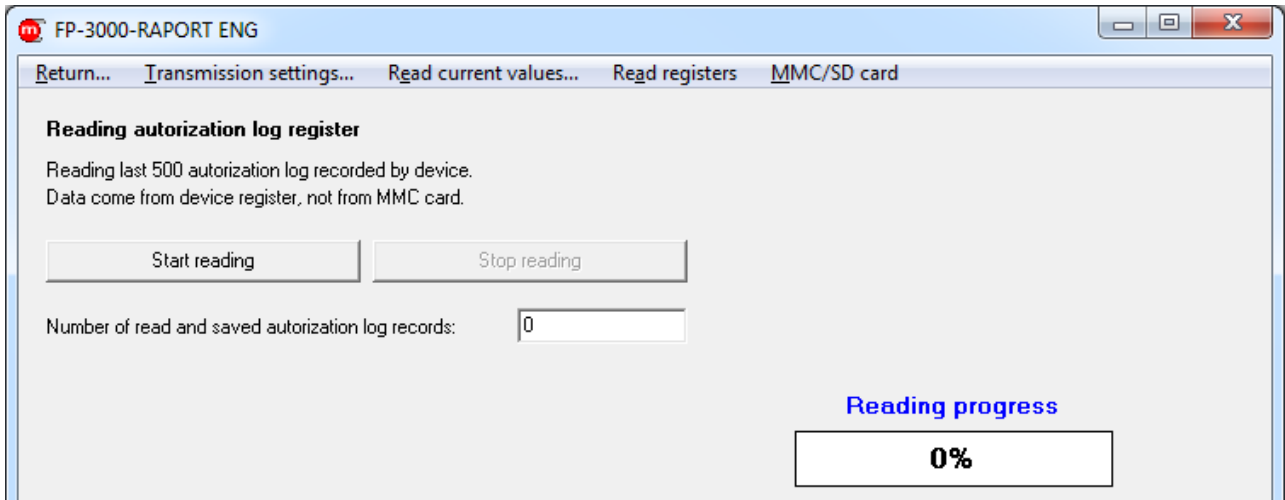

Fig. 6.9 Saving last 500 authorization logs recorded by device into file

6.5 Reading data from MMC/SD card / internal memory

- Window Fig. 6.1 button [Status...]
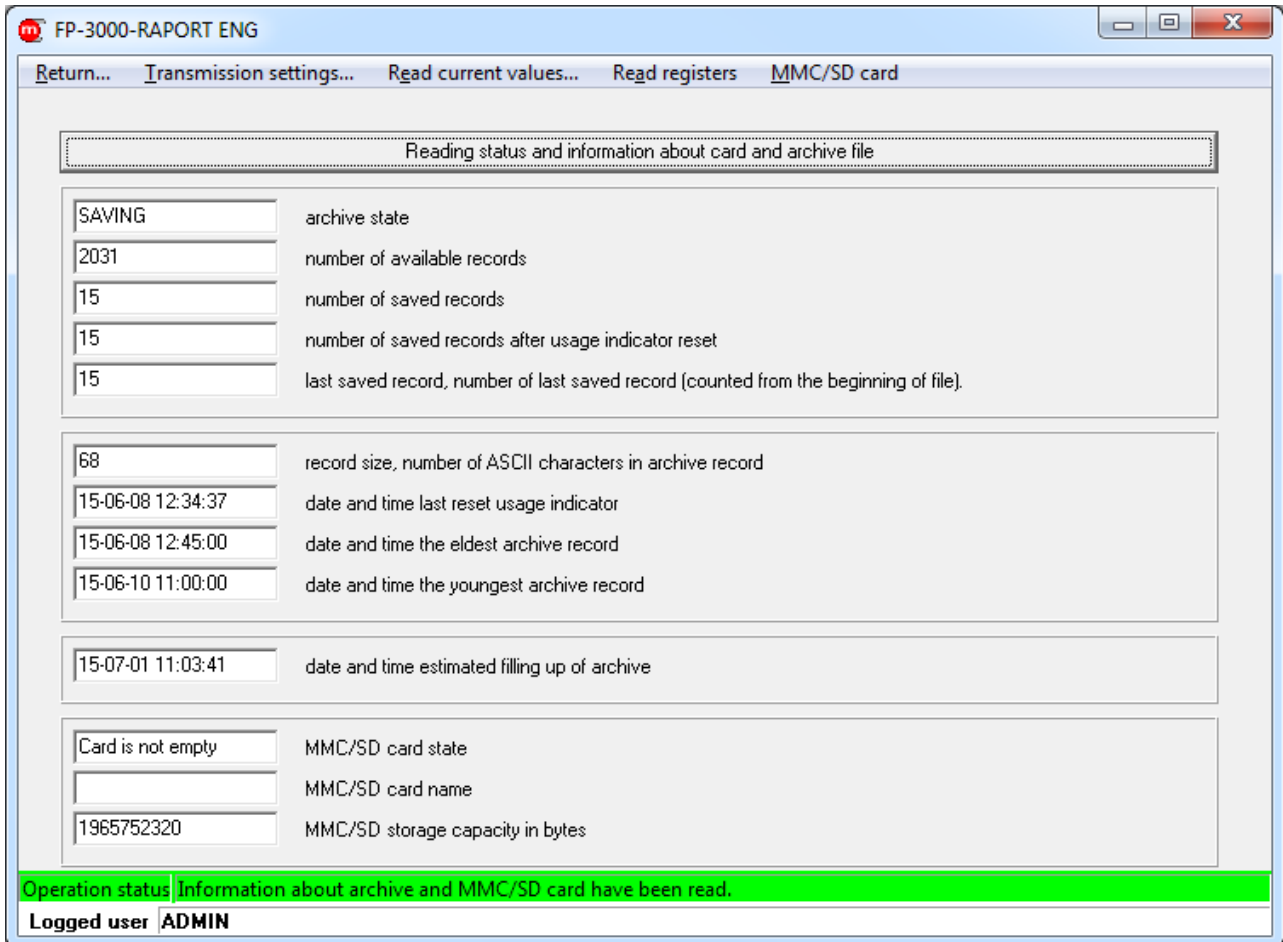- Windows Fig. 6.5… Fig. 6.9 and Fig. 6.11…Fig. 6.13: Menu → MMC/SD card → Status…

Fig. 6.10 Reading status and information about memory and archive file

- Window Fig. 6.1 button

    Read archive...

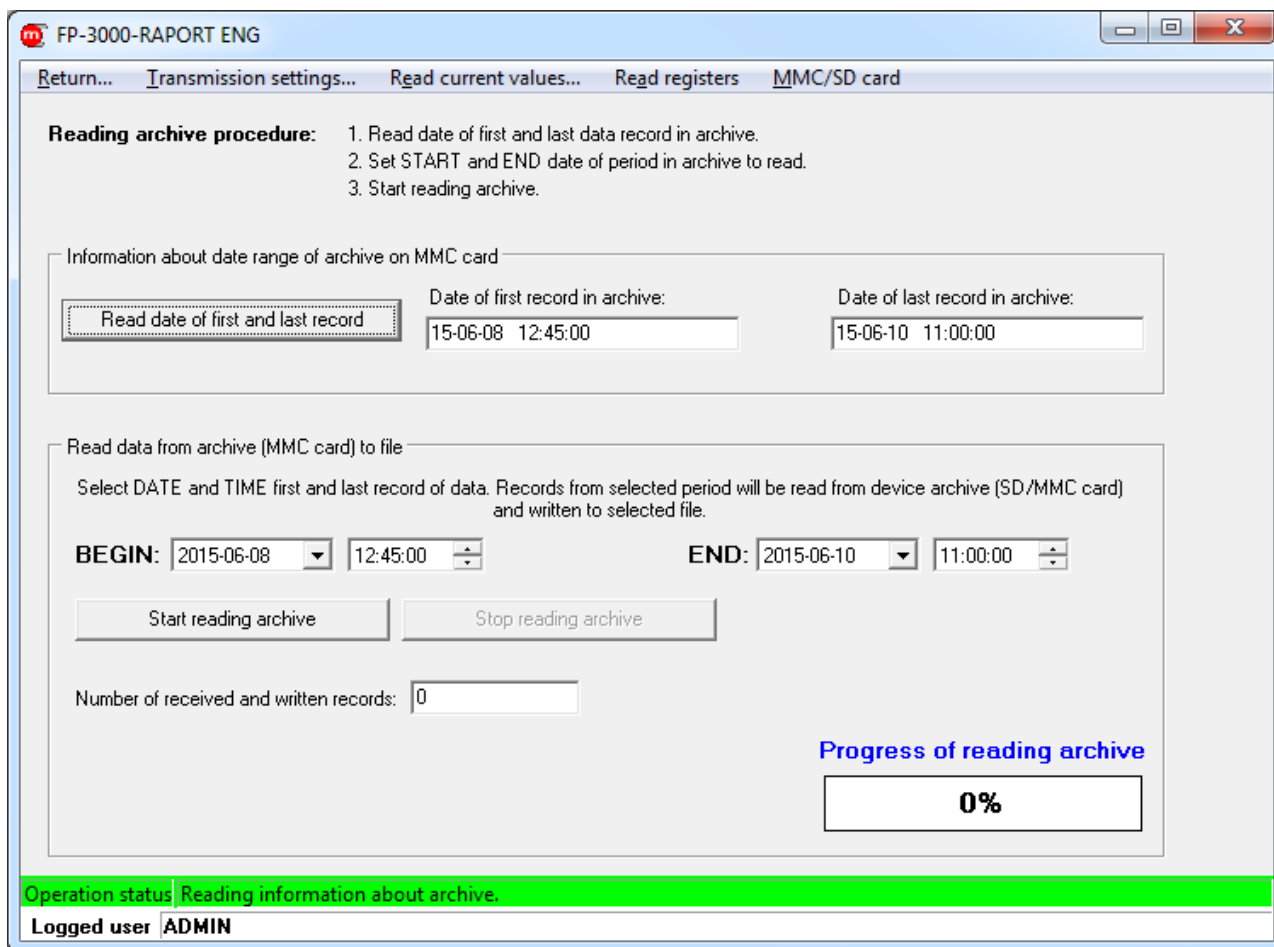- Windows Fig. 6.5 … Fig. 6.10 and Fig. 6.12… Fig. 6.13: Menu → MMC/SD card → Read archive…

Fig. 6.11 Reading data from Main archive

- Window Fig. 6.1 button `Read other files...`
- Windows Fig. 6.5 … Fig. 6.11 and Fig. 6.13: Menu → MMC/SD card → Read other files…
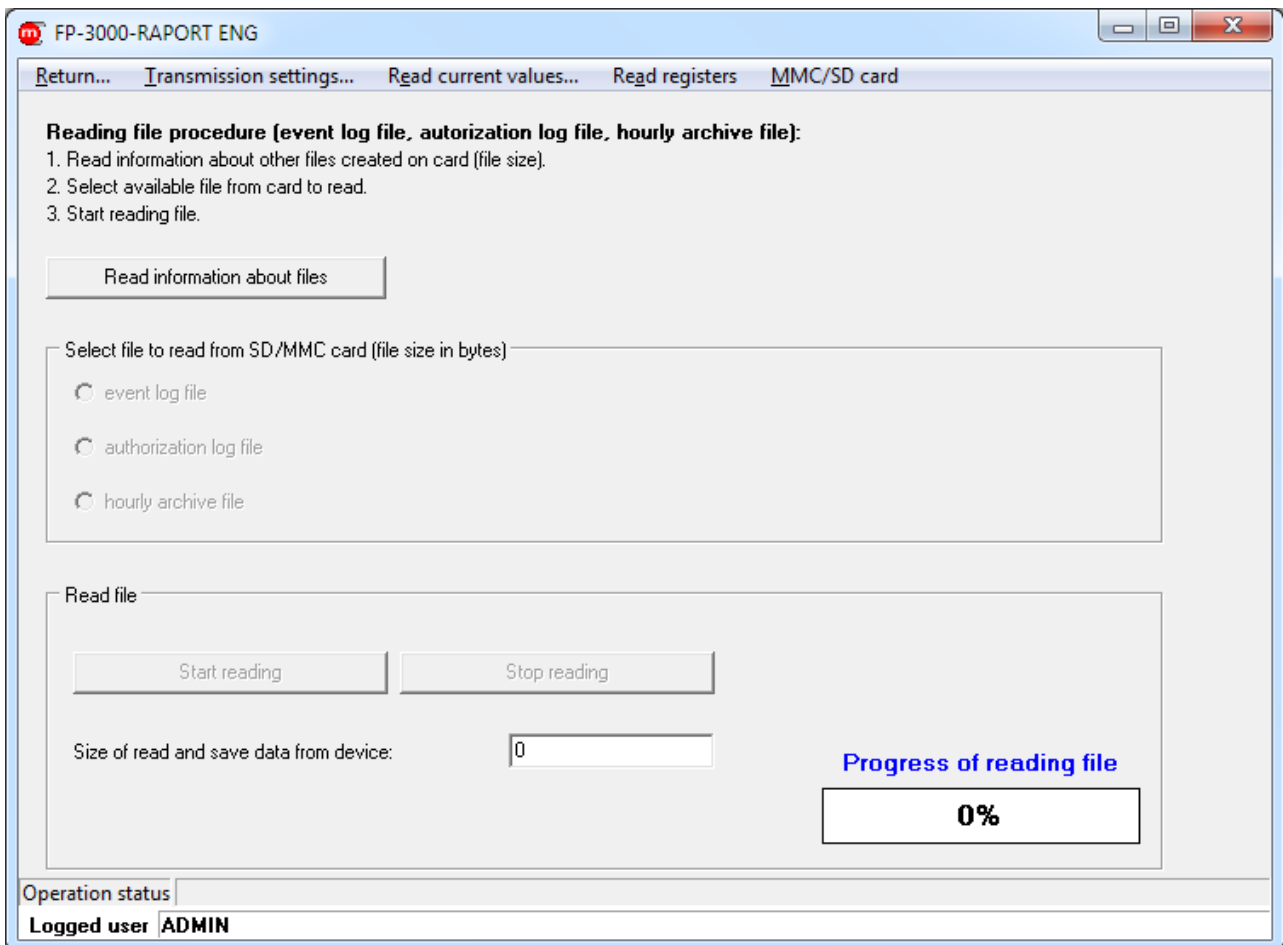

Fig. 6.12 Read files

6.6 Archive commands

- Window Fig. 6.1 button [Control...]
- Windows Fig. 6.5 … Fig. 6.12: Menu → MMC/SD card → Control…

Fig. 6.13 Archive commands
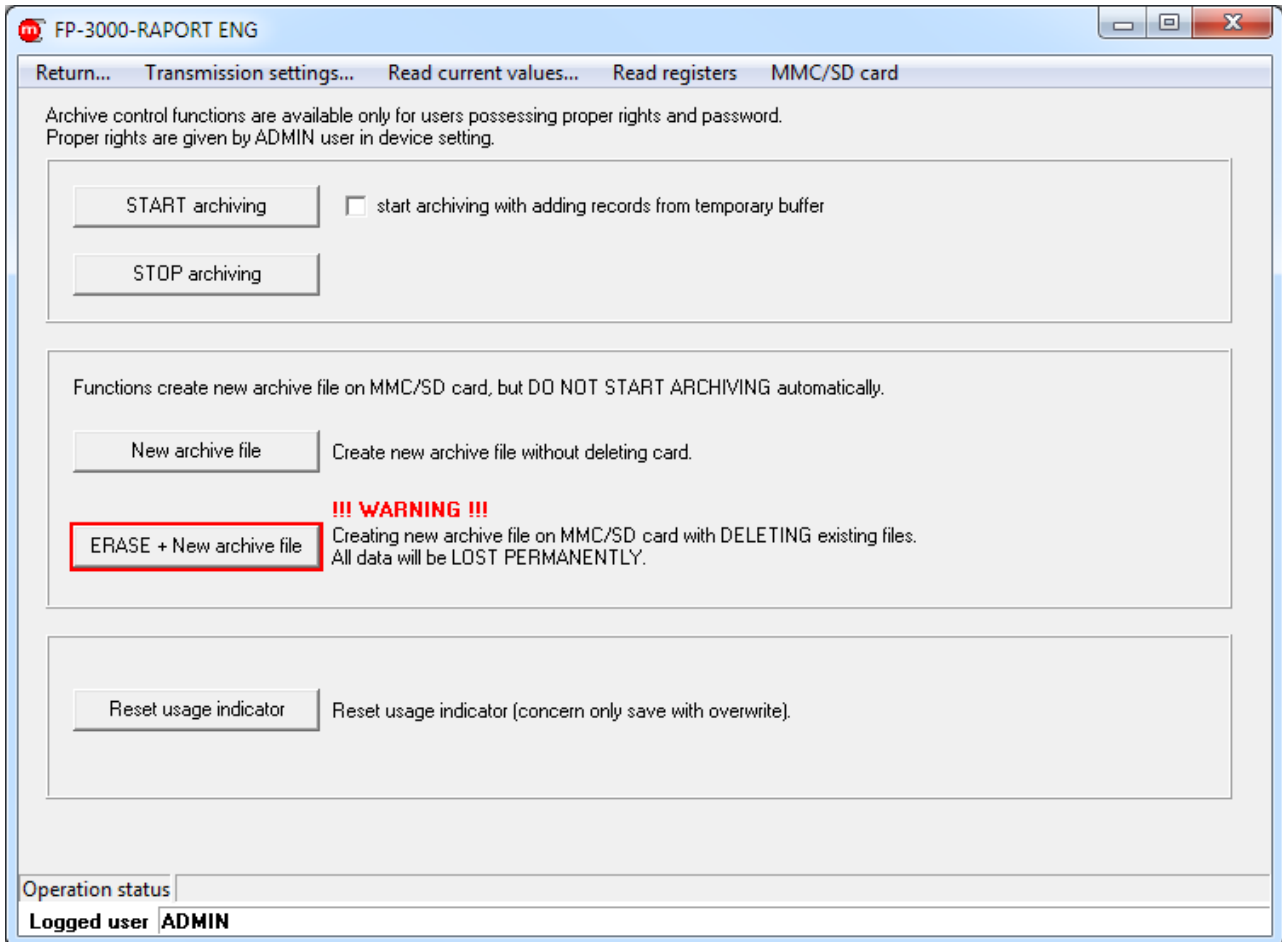
7   Entity launching the product on European Union market

Manufacturer: METRONIC AKP s.c.

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                                PL 31- 426 Kraków, Poland

                                Tel.: (+48) 12 312 16 80

                                www.metronic.pl

Vendor: