



# DOCUMENTATION

Logging · Evaluation · Release · Archiving

**MELAflash** · **MELAnet Box** · **MELAview** · **MELAssoft**  
**MELAdoc** · **MELAprint®** · **MELAcontrol®** · **MELAcontrol® PRO**



**MELAG**

quality – made in Germany

## MELAflash CF-Card-Printer



### MELAflash · Advantages

The MELAflash-System comprises the CF-Card-Printer, the MELAflash CF-Card and the MELAflash card reader. These three components enable easy and convenient documentation of the tried and tested MELAG autoclaves of Pro-Class, S-Class, Cliniklav 25 and the MELAtronic EN series. Sterilization logs can be saved on a PC quickly and easily and there is no need for an external printer or connection to a clinic network. In this way, you can guarantee the long-term reproducibility of a successful sterilization cycle.

By saving and displaying the data after it has been transferred to your practice PC via the MELAflash card reader (included in the scope of delivery) you can view the logs and graphics very easily using the MELAview documentation software. Alternatively, they can be printed on a printer connected to your PC. This is also possible (although not as convenient as with MELAview) using any word processing program or spreadsheet. When the MELAflash CF-Card-Printer is connected via the autoclave's serial interface, sterilization data are saved on the MELAflash CF-Card automatically.

## MELAnet Box

Network connection by independent web server



### MELAnet Box · Advantages

MELAnet Box enables simple network connection (Ethernet) of MELAG autoclaves of Pro-Class, S-Class, Cliniklav 25 and other series. Connected to the autoclave serial interface, it receives all process files, convert them into network compatible format and forward the data within the internal clinic network. MELAnet Box includes an independent web server that places websites in the user network so you can view the logs of completed processes or those running in real time from any computer. You can save and display the files.

Sterilization logs are read out automatically and filed in the corresponding folder in the network after a sterilization cycle has been ended. The logs can be opened, viewed and printed with a simple click without need for on additional software. In addition to this automatic function, the logs and graphic data can be manually accessed from the autoclaves.

# MELAprint®

Paper printout



Program name	Start	Temp. °C	Time min
0. Start	0:00	40.0	00:00
1. Preheating	0:00	100.0	00:00
2. Preheating	0:00	100.0	00:00
3. Preheating	0:00	100.0	00:00
4. Preheating	0:00	100.0	00:00
5. Preheating	0:00	100.0	00:00
6. Preheating	0:00	100.0	00:00
7. Preheating	0:00	100.0	00:00
8. Preheating	0:00	100.0	00:00
9. Preheating	0:00	100.0	00:00
10. Preheating	0:00	100.0	00:00
11. Preheating	0:00	100.0	00:00
12. Preheating	0:00	100.0	00:00
13. Preheating	0:00	100.0	00:00
14. Preheating	0:00	100.0	00:00
15. Preheating	0:00	100.0	00:00
16. Preheating	0:00	100.0	00:00
17. Preheating	0:00	100.0	00:00
18. Preheating	0:00	100.0	00:00
19. Preheating	0:00	100.0	00:00
20. Preheating	0:00	100.0	00:00
21. Preheating	0:00	100.0	00:00
22. Preheating	0:00	100.0	00:00
23. Preheating	0:00	100.0	00:00
24. Preheating	0:00	100.0	00:00
25. Preheating	0:00	100.0	00:00
26. Preheating	0:00	100.0	00:00
27. Preheating	0:00	100.0	00:00
28. Preheating	0:00	100.0	00:00
29. Preheating	0:00	100.0	00:00
30. Preheating	0:00	100.0	00:00
31. Preheating	0:00	100.0	00:00
32. Preheating	0:00	100.0	00:00
33. Preheating	0:00	100.0	00:00
34. Preheating	0:00	100.0	00:00
35. Preheating	0:00	100.0	00:00
36. Preheating	0:00	100.0	00:00
37. Preheating	0:00	100.0	00:00
38. Preheating	0:00	100.0	00:00
39. Preheating	0:00	100.0	00:00
40. Preheating	0:00	100.0	00:00
41. Preheating	0:00	100.0	00:00
42. Preheating	0:00	100.0	00:00
43. Preheating	0:00	100.0	00:00
44. Preheating	0:00	100.0	00:00
45. Preheating	0:00	100.0	00:00
46. Preheating	0:00	100.0	00:00
47. Preheating	0:00	100.0	00:00
48. Preheating	0:00	100.0	00:00
49. Preheating	0:00	100.0	00:00
50. Preheating	0:00	100.0	00:00

# MELAdoc

The documentation system



02	1	11
Sterilization date		
07.05.2005		
Use before		
06.11.2005		

## Printout – MELAprint® 42

The MELAprint 42 dot matrix log printer is ideal for practice or clinic operations requiring a direct printout. MELAprint 42 records the following data:

- Program selected
- Date, time, current batch number
- Actual vacuum, pressure and temperature values
- Confirmation of the successfully completed program
- Impermissible deviations, if any.

## MELAdoc – the system that bridges the gap

The MELAdoc label printer facilitates and simplifies batch documentation, enabling you to trace every cycle. The faultless packages of sterilized instruments are labelled for identification after the sterilization process. MELAdoc labels are self-adhesive. After the instruments have been used, the MELAdoc label can be removed from the package easily and added to the patient records. In this way, it is easy to assign the sterilization date, batch number, the authorizing person, the sterilizer used and use-before date to the sterilized instruments and the patient records.

# MELAcontrol®

Batch control



MELAcontrol®

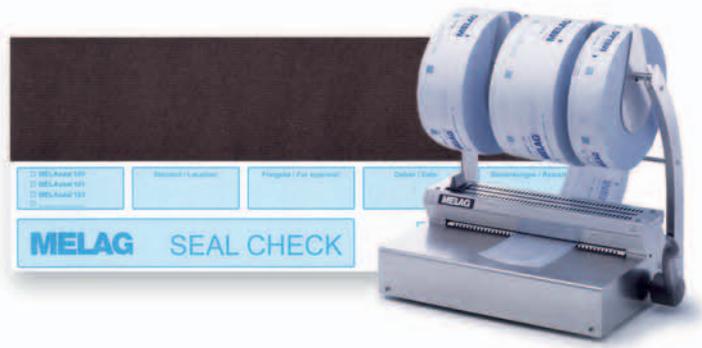
MELAcontrol® PRO

## MELAcontrol® · Advantages

European norm EN 867-5 defines the "HELIX". This is a test device for "class B autoclaves" which simulates the most difficult requirements for the sterilization of hollow instruments. MELAG provides two high quality, high safety systems that are simple to operate and affordable: MELAcontrol and MELAcontrol PRO. MELAcontrol was developed as a short-term PCD (process challenge device) and is disposed of after 250 cycles. It is small and extremely economical. MELAcontrol PRO was designed as a long-term PCD to be utilized by power users. The indicator strip is the only replacement purchase necessary – the PCD itself is reusable.

# MELAG seal check

Seal seam verification



## MELAG seal check · Archiving

The validated procedure required by the authorities for the preparation of instruments specifies routine controls for sealing devices. MELAG seal check can be used for the routine checks that verify the quality of the seal seam. The seal check verifies the quality of the seal on the paper via the contrast on the special printed pattern. When the inner film layer is correctly melted and pressed to the paper, a sealed seam is produced along the full length of the surface. An insufficient seal temperature, worn sealing bars or a lack of contact pressure thus becomes visible.

# Electronic batches and process documentation

MELAG has developed two alternative software products with intuitive operation that meet the need for paperless documentation quickly and simply: MELAview documentation software and MELAsoft for more advanced, fully automatic batch and process documentation (with release function).

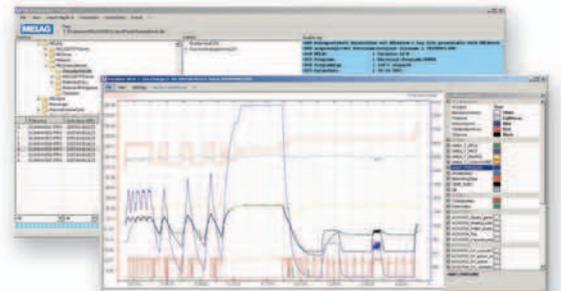


## MELAsoft

The fully automatic, digital batch and process documentation system

## MELAview

Quick and easy log documentation



## MELAsoft · Advantages

Via MELAsoft it is easy to connect MELAG sterilizers, cleaning and disinfection devices and sealing units to a handy and timesaving software solution including fully automatic documentation. MELAsoft also provides the advantages of documented batch release and direct printing of barcode labels using the MELAsoft label printer. These labels contain the most important information about the sterilization procedure: date of sterilization, name of authorized person that is responsible for release of instruments, autoclave used, batch number and expiry date as well as the barcode, all in easy-to-read written form. A further feature of MELAsoft: its unique user administration based on legally binding digital signatures, enabling simple and authentic long-term archiving. MELAsoft comes equipped with interfaces compatible with all popular clinic software packages thus ensuring the patient-related traceability of the instruments used. MELAsoft can be seamlessly integrated in a practice hygiene concept without requiring a change in established working procedures.

## MELAview · Advantages

### Logging · Evaluation · Archiving

MELAview is suitable for use with all MELAG autoclaves equipped with a data interface. Direct connection of the autoclave enables the user to record and save text logs and optionally, high-quality and secure graphic logs in real time. These logs can also be printed or exported in another form. Once recorded, the logs can be displayed using MELAview. No additional software is required. Graphic logs provide a better overview and secure evaluation of the completed programs. Operators can use MELAview to sort and filter logs quickly and efficiently. MELAview enables logs to be filtered according to multiple characteristics.

# SYSTEMOVERVIEW



	MELAtherm®	Premium-Class Vacuquick®	Pro-Class	S-Class	Cliniklav® 25	MELAtronic® EN
 MELAflash CF-Card-Printer Art.-no. 01039	built in	built in	✓	✓	✓	✓
 MELAflash CF-Card Art.-no. 01043	✓	✓				
 MELAnet Box Art.-no. 40296	built in	built in	✓	✓	✓	✓
 MELAprint® 42 Art.-no. 01042	✓	✓	✓	✓	✓	✓
 MELAcontrol® Art.-no. 01080		✓	✓		✓	
 MELAcontrol® PRO Art.-no. 01075		✓	✓		✓	
 MELAview Art.-no. 21127	✓	✓	✓	✓	✓	✓
 MELAsoft Art.-no. 21129	✓	✓	✓	✓	✓	✓
 MELAsoft Label-Printer Art.-no. 21139	✓	✓	✓	✓	✓	✓
	only in connection with MELAsoft					
 MELAdoc Art.-no. 01095		✓	✓	✓	✓	

The chart provides an overview of the range of autoclave models available from MELAG. Older MELAG autoclave models are also supported by the MELAG documentation media outlined in this brochure.

For further information, contact a specialist dealer.



# DOCUMENTED SAFETY

For your patients, your team and your clinic!

**Instrument treatment ends with documented release for storage and use. Release must be performed and documented by authorized and skilled personnel. The release procedure consists of the procedure release, batch release and sterilized equipment release steps.**

Instruments used in doctors' and dental practices or other outpatient institutions, i.e. instruments that come into contact with blood or wounds, must be used in a "sterile" state. The person who releases the instrument as "sterile" after sterilization assumes responsibility for that. A message output by a sterilizer at the end of the sterilization process (e.g. "Sterilization successfully completed – remove instruments") does not suffice. The sterilization "release" procedure is a hospital based hygiene procedure but required by more and more practice-based doctors.



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Further information about our products and prevailing standards, laws and directives as well as current questions can be found at:

[www.melag.com](http://www.melag.com)

