DOCUMENTATION

Logging · Evaluation · Release · Archiving

MELA*flash* · **MELA***net* Box · **MELA***trace*® · **MELA***doc*
MELA*print*® · **MELA***control*® · **MELA***control*® PRO



MELAG
competence in hygiene

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 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.

MELAG – A world-leading family-owned and run company based in Berlin

As an owner-run and operated family concern founded in 1951, we have a long history of successful specialization in hygiene products for practice-based use. Working at our 22.000 m² Berlin premises, our c. 300 employees have produced a total of some 490.000 devices to date, making us a world leader in the instrument treatment sector. You can find further information regarding our products, the valid standards, laws and directives as well as questions at **www.melag.com**.



TÜVRheinland CERTIFIED
Management System
EN ISO 13485:2012
ISO 9001:2008
www.tuv.com
ID 0000051908

CE 0197

Quality – made in Germany

MELAG
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Rev 2-16/1539 - 07.16.1GB-ANZ-Doku

MELA*flash*

CF-Card-Printer

MELA*net* Box

Network connection by independent web server



MELA*flash* – Advantages

The MELA*flash*-System comprises the CF-Card-Printer, the CF-Card and the card reader. These three components enable easy and convenient documentation of the tried and tested MELAG steam sterilizers of Pro-Class, S-Class, Cliniklav 25, MELA*quick* 12+ and the MELA*tronic* EN series as well as the sealing device MELA*seal* Pro. 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 cycle.

By saving and displaying the data after it has been transferred to your practice PC via the card reader (included in the scope of delivery) you can view the logs on your computer using the MELA*trace* software or any word processing program or spreadsheet. When the CF-Card-Printer is connected via the serial interface of the device, data are saved on the CF-Card automatically.

MELA*net* Box – Advantages

MELA*net* Box enables simple network connection (Ethernet) of MELAG steam sterilizers of Pro-Class, S-Class, Cliniklav 25, MELA*quick* 12+ and other series.

Connected to the steam sterilizer´s serial interface, it receives all process files, converts them into network compatible format and forwards the data within the internal clinic network. MELA*net* 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 steam sterilizers.

MELA*print*® 60

Label printer

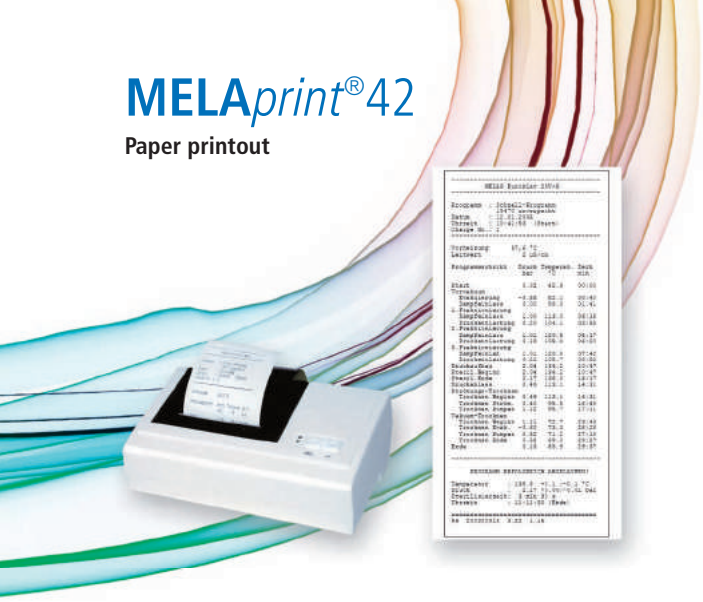


Printout – MELA*print*® 60

The MELA*print* 60 is the label printer for Premium-Plus steam sterilizers and Cliniclave 45. It is either connected directly to this steam sterilizer or integrated in the practice network. The labels for marking sterilized medical products can be printed directly after batch approval on the steam sterilizer screen: completely self-sufficient, and entirely network-independent. Alternatively, when using the documentation software MELA*trace*, the MELA*print* 60 can be integrated in a network and used for all connected MELAG steam sterilizers. The labels include all necessary data for storage (storage duration) and manual or digital batch tracing (batch number, date, steam sterilizer) in true type and as a barcode. Regardless of whether the steam sterilizer is connected with the network, the barcode can be read in to the patient management system with conventional scanners. The barcode specifies a definite file name for the log so as to enable quick traceability. Labels can also be stuck to paper patient files. This makes it very easy to trace an instrument to a sterilization cycle and a patient to a sterilization batch.

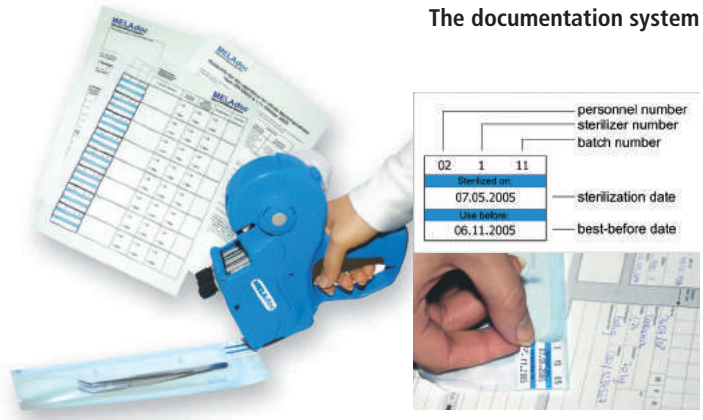
MELA*print*®42

Paper printout



MELA*doc*

The documentation system



Printout – MELA*print*® 42

The MELA*print* 42 dot matrix log printer is ideal for practice or clinic operations requiring a direct printout. MELA*print* 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.

MELA*doc* – Marking wrapped instruments

The MELA*doc* 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. MELA*doc* labels are self-adhesive. After the instruments have been used, the MELA*doc* 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.

MELA*control*®

Batch control



MELA*control*®



MELA*control*® PRO

MELAG seal check

Seal seam verification



MELA*control*® – Advantages

European norm EN 867-5 defines the "HELIX". This is a test device for "class B steam sterilizers" 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: MELA*control* and MELA*control* PRO. MELA*control* was developed as a short-term PCD (process challenge device) and is disposed of after 250 cycles. It is small and extremely economical. MELA*control* 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 – Archiving

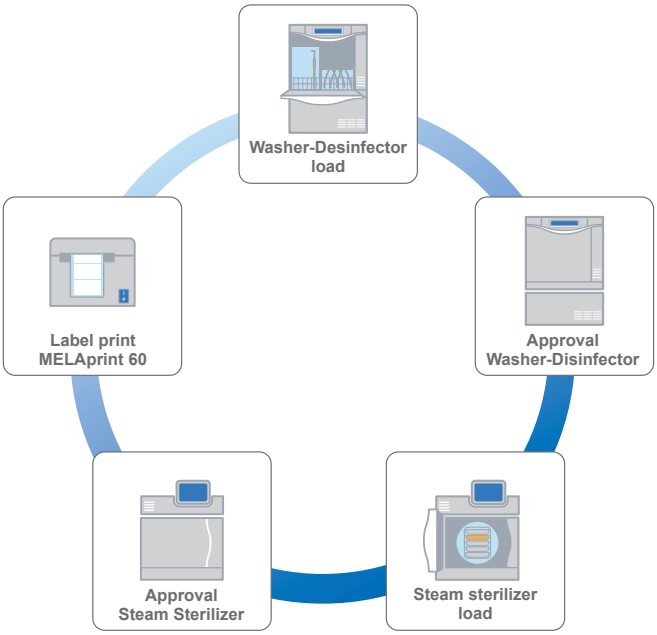
The validated procedure required by the authorities for the preparation of instruments specifies routine controls for sealing devices. MELAG seal check can be used for the routine checks that verify the quality of the seal seam. The seal check verifies the quality of the seal on the paper via the contrast 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.

MELA*trace*®

Documentation. Load Management. Approval.

MELAG has developed a software for the whole instrument treatment process. MELA*trace* connects all cleaning and disinfection steps of the instrument treatment with the sterilization process to ensure a comprehensive documentation.

Working in MELA*trace*, define the MELA*therm* 10 load and the steam sterilizer, approve batches and then print the labels for wrapped instruments on the MELA*print* 60.





MELA*trace*® – Advantages

Batch clearance with just a few mouse-clicks. A cleared MELA*therm* log can be used for steam sterilizers load. The individual loading elements for sterilization (e.g. sterile containers or individually-wrapped instruments) and the MELA*therm* batch from which they originate are selected as part of the next step. Following the sterilization process, batch clearance requires only a few mouse-clicks. The batch can be given full or only partial clearance: The operator can withhold clearance for individual load elements; their reasons can be recorded.

All process steps, program logs and decisions are fully documented and archived securely. The process is completed with the generation of a treatment report containing all the relevant information outputted in tamper-proof PDF form. A barcode label can be printed on the MELA*print* 60 to facilitate traceability of the individual load elements. This can be scanned and added to the patient administration system.

The licence model of MELA*trace* is unique: Purchase of a single license permits the permanent installation of your MELAG device. This represents a one-off payment: there are no annual fees. The MELA*trace* operator interface is designed for Windows 10 (including touch-function) and lower windows operating systems (using a mouse-click).

A range of user settings makes MELAtrace individually-configurable for the needs of every practice.

SYSTEMOVERVIEW



	MELA*therm*® 10	Premium-Plus-Class	Pro-Class	S-Class MELA*quick*®12+	Cliniklav® 25	Cliniclave® 45	MELA*tronic*® EN	MELA*seal*® Pro	MELA*seal*® 200	MELA*seal*® 100+
 MELA*print*® 60 Art.-no.: 01160		✓				✓				
 MELA*flash* CF-Card-Printer Art.-no.: 01039	built in	built in	✓	✓	✓	built in	✓	✓		
 MELA*flash* CF-Card Art.-no.: 01043	✓	✓	✓ 1)	✓ 1)	✓ 1)	✓	✓ 1)	✓ 1)		
 MELA*net* Box Art.-no.: 40296	built in	built in	✓	✓	✓	built in	✓			
 MELA*print*® 42 Art.-no.: 01042	✓	✓	✓	✓	✓	✓	✓	✓		
 MELA*control*® Art.-Nr.: 01080		✓	✓		✓	✓				
 MELA*control*® PRO Art.-no.: 01075		✓	✓		✓	✓				
 MELA*trace*® Art.-no.: 21138 MELA*print* 60 Label-Printer Art.-no.: 01160[2]	✓	✓	✓	✓	✓	✓	✓	✓	✓	
 MELA*doc* Art.-no.: 01095		✓	✓	✓	✓	✓	MELA*tronic* 15 EN+			
 MELAG seal check Art.-no.: 01079								✓	✓	✓
 USB/Seriell-Adapter Art.-no.: 80270			✓	✓	✓		✓	✓		
 USB-Stick Art.-no.: 19901									✓	

1) In connection with MELAflash CF-Card-Printer 2) Computer equipped with a RJ45/Ethernet interface required

The chart provides an overview of the range of steam sterilizers, washer-disinfectors and sealing devices available from MELAG. Older MELAG steam sterilizer models are also supported by the MELAG documentation media outlined in this brochure. For further information, contact a specialist dealer.