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.: 01160¹	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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 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.

DOCU**MENTATION**

Logging · Evaluation · Release · Archiving

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

MELAG
competence in hygiene

MELAflash
CF-Card-Printer

MELAnet Box
Network connection by independent web server

MELAprint® 42
Paper printout

MELAdoc
The documentation system

personnel number
sterilizer number
batch number

02   1   11

07.05.2005 — sterilization date

06.11.2005 — best-before date

Electronic batches and process documentation

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 as well as the sealing device MELAseal 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 MELAflash card reader (included in the scope of delivery) you can view the logs on your computer using any word processing program or spreadsheet. When the MELAflash CF-Card-Printer is connected via the serial interface of the device, data are saved on the MELAflash CF-Card automatically.

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, converts them into network compatible format and forwards 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.

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.

MELAtrace®
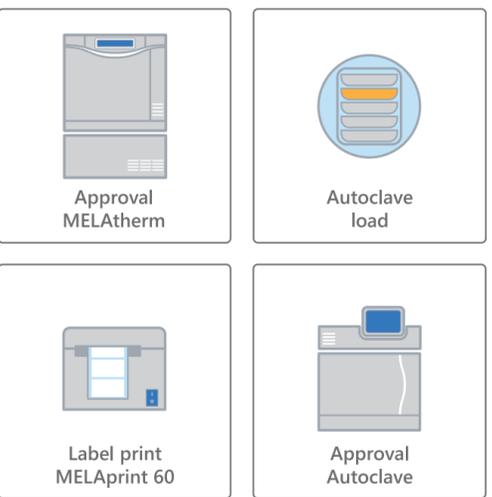### Documentation. Load Management. Approval.

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

MELAprint® 60
Label printer

Printout – MELAprint® 60

The network-compatible MELAprint 60 is designed for direct communication with autoclaves of the Premium-Plus-Class and for the Software MELAtrace.

When the sterilization program has been completed successfully, and clearance is seen on the screen of the autoclave or of MELAtrace, labels are printed with the MELAprint 60 for labelling the wrapped instruments.

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 CHE

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.

MELAtrace® · Advantages

Approval MELAtherm

Autoclave load

Label print MELAprint 60

Approval Autoclave

Batch clearance with just a single mouse-click. A cleared MELAtherm log can be used for autoclave load. The individual loading elements for autoclave sterilization (e.g. sterile containers or individually-wrapped instruments) and the MELAtherm 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 treat-ment report containing all the relevant information outputted in tamper-proof PDF form. A barcode label can be printed on the MELAprint 60 to facilitate traceability of the individual load elements. This can be scanned and added to the patient administration system.

The licence model of MELAtrace 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 MELAtrace operator interface is designed for Windows 8 (including touch-function) and lower windows operating systems (using a mouse-click).