stomdevice

MELAG
competence in hygiene

MELAtronic® 23 EN

Reliable – Safe – Easy Operation



Quality – made in Germany

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MELA*tronic*® 23 EN

The standard-compliant autoclave with „S class" programs

MELA*tronic*® 23 EN represents the ideal standard steam sterilizer for the sterilization of wrapped and unwrapped instruments. Its high-quality stainless steel chamber, safety features and components ensure many years of reliable operation. This has been tried-and-tested over many years.

MELA*tronic*® 23 EN works in accordance with the fractionated flow procedure and complies with all the requirements of EN 13060 typ S programs regarding. The microprocessor control provides fully-automatic control of the program run and subjects the sterilization procedure to continual safety monitoring. The two-row display shows the operating state, the integrated water quality measurement and the operation information, thereby ensuring simple, safe and easy operation.



An innovative water system

The quality of demineralized water used is decisive in ensuring the protection and value-retention of the instruments. The conductivity measurement device integrated in MELA*tronic*® 23 EN monitors water quality and issues a warning should it fail to correspond with the requirements placed on a value-retaining decontamination process. MELA*tronic*® 23 EN provides the choice between the water-saving circulation system or the single use system, which uses fresh water for every sterilization run.

The special advantages of MELA*tronic*® 23 EN:

- Reliability
- Simple, easy operation
- Complies with EN 13060
- Secure documentation
- Fractionated flow procedure
- Fully-automatic program control
- Integrated water quality monitoring



Wide choice of programs



MELA*tronic*® 23 EN is equipped with four sterilization programs. The Universal-Program and Prion-Program (both 134 °C) are intended for the sterilization of small quantities of wrapped massive instruments. The Quick-Program (134 °C) can be used to sterilize unwrapped instruments; the Gentle-Program uses a low temperature of 121 °C to sterilize temperature-labile, massive instruments (unwrapped).

Simple and secure documentation



The memory of the electronic control stores the last 40 program logs permanently. Documentation is performed via the serial interface
You can choose between the following methods of documentation



1. Saving logs with MELA*flash*® CF card printer and MELA*flash*® CF card



2. Network connection via MELA*net*® Box



3. Log printout with the MELA*print*® 44 printer

Technical data	
Exterior device dimensions (W x H x D):	52 cm x 38 cm x 59 cm
Chamber (Ø x depth) / volume:	23 cm x 45 cm / 19 litre
Tray (order no. 00230):	42 cm x 19 cm x 2 cm
Maximum load:	4 kg instruments (unwrapped) 2 kg instruments (wrapped)
Electrical connection:	220-240V; 50/60Hz; 1600W
Weight:	32 kg

Programs	Sterilization time	Program run time*
Universal-Program	5.5 min	34 min
Gentle-Program	20.5 min	50 min
Quick-Program	3.5 min	24 min
Prion-Programm	20.5 min	49 min

* depends on the load and the chamber temperature upon program start

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A systematic approach to hygiene









Cleaning & disinfection: MELA*des*® 800

is a cleaning and disinfectant agent which does not affect the materials to which it is applied. The exceptional cleaning effectiveness of MELA*des*® 800 saves time and ensures effective and affordable cleaning and disinfection.

Packaging: MELA*seal*® 100+

is a sealing device that monitors the temperature and sealing time during the sealing process. The function states of the MELA*seal*® 100+ are indicated via a LED diode. Four different roll dispensers are available for this sealing device.

Sterilization: MELA*tronic*® 23 EN

is always delivered with a standard mount for 5 trays. The use of a package holder brings considerable improvement in the drying of wrapped instruments.

Documentation: MELA*doc*®

for the marking of approval on sterilization packaging. The labels are applied to the sterilization packaging after successful sterilization. They specify the sterilization date, expiry date, identification of the person issuing approval and the batch number of the sterilization cycle.

Innovation, quality and expertise:
The ingredients of success for a family company

As a German owner-run and operated family business founded in 1951, we have a long history of successful specialization in hygiene products for clinic and practice-based use. Our focus on quality, innovation and the highest of safety standards has established MELAG as the world's leading manufacturer in the instrument decontamination field, selling over 550,000 devices to date. Our entire product range is produced exclusively in Germany (Berlin). Over 450 employees work on a c. 20,000 m² premises.

Focussing on providing cutting-edge innovation, our Research and Development department now comprises 85 members of staff. Our Testing & Experiment department lays the foundation for our market-leading quality, it now comprises some 40 members.

Device software is responsible for the safe control of all our products and their problem-free integration in the clinic network. Our Electronics / Software department has grown to 40 members of staff. We currently employ a total of 165 engineers and IT specialists in our R&D department. Constituting 44 % of our total staff, this lies well over the branch average.

Our customers are justified in demanding the highest-possible quality and reliability from MELAG. Providing „competence in hygiene" and „Quality – made in Germany" we guarantee that these demands will be met.



Rev.1-18/2686-12.18-EN-ME

For further information:
www.melag.com

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