

MELAtronic® 23 EN

Reliable – Safe – Easy Operation



MELAtronic® 23 EN

The standard-compliant practice steam sterilizer with „S“ and „N“ class programs

The MELAtronic® 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 ensures many years of reliable operation. This has been tried-and-tested over many years.

The MELAtronic® 23 EN works in accordance with the fractionated flow procedure and complies with all the requirements placed on an „S class“ steam sterilizer by EN 13060. 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.

The special advantages of the MELAtronic®23 EN:

- Reliability
- Simple, easy operation
- Complies with EN 13060
- Secure documentation
- Fractionated flow procedure
- Fully-automatic program control
- Integrated water quality monitoring
- Manually-settable pre-heating and subsequent drying






Simple and secure documentation



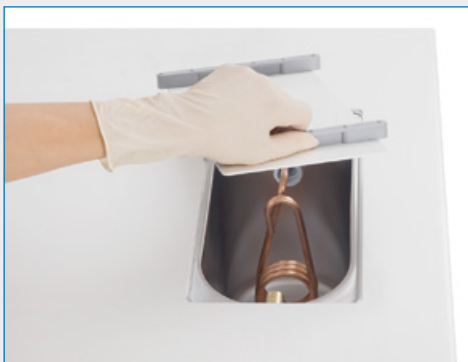
The memory of the electronic control stores the last 40 program logs permanently.

Documentation is performed via the serial interface

You can choose between the following methods of documentation:

-  Saving logs with the MELAtronic® CF card printer and the MELAtronic® CF card
-  Network connection via the MELAnet® Box
-  Log printout with the MELApriint® 44 matrix

An innovative water system – instrument protection



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



Wide choice of programs



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

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 (art. 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
Empty weight:	32 kg

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

* including drying, depends on the load and the chamber temperature upon program start

A systematic approach to hygiene



Cleaning & disinfection:
MELAdes® 800

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



Packaging:
MELAseal® 100+

... is an impulse sealing device that monitors the temperature and sealing time during the sealing process. The function states of the MELAseal® 100+ are indicated via a multi-colour display. 4 different roll dispensers are available for this sealing device.



Sterilization:
MELAtronic® 23 EN
with accessories

... 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:
MELAdoc®

... 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.

The MELAG management and team.



Come on a
virtual tour of
our company!

