

The MELAG Euroklav® Series

The cost-effective »Class S« Autoclaves



500,000 MELAG units worldwide


Outstanding quality – you can rely on.

Practices and clinics all over the world benefit from the unique MELAG quality - made in Germany. Discover the advantages of our reliable and high-performance MELAG autoclaves for safe instrument sterilization.

Find more references on: www.melag.com/en/references



„The reliable MELAG device saves considerable time and ensures the highest levels of safety for patients and practice team alike.“

 Clinic Frank Bachmann,
Germany




„We set the focus on integral health and the well-being of our patients. The MELAG System Solution perfectly supports this approach.“

 28CliniC,
Japan



„With our MELAG steam sterilizer we offer the highest safety and protection standards for our most loyal friends, ¡Our pets!“

 Animalogic Clinica Veterinaria,
Spain




„We need reliability, that's why we choose MELAG.“

 Sakala Hambaravi,
Estonia




„Sturdy design, high performance and short sterilization cycles. With MELAG autoclaves we choose quality.“

 First Private Dental Center,
Ukraine




„In MELAG, we have found an excellent partner providing the best-possible hygiene standards and optimal workflows.“

 Sparkle Dental Boutique,
Abu Dhabi



„The reliability of the device, its low follow-up costs and the excellent support convinced us to purchase a MELAG steam sterilizer.“

 Platinum Orthodontics,
Ghana



„The MELAG System ensures a quick and safe decontamination workflow in our clinic.“

 Prosthodontic Associates,
Australia

The Euroklav® Series

Unique in price and performance.

The quick and reliable Euroklav® Series represents an even more affordable alternative for the cost-effective steam sterilization. Euroklav® autoclaves are thus the ideal solution for practices and clinics using instruments that do not require sterilization in a Class B device. The MELAG Class S autoclaves are equipped with a high-performance vacuum pump in order to ensure best sterilization and drying results of even wrapped instruments with simple hollow bodies.

Rely on our innovative solutions for instrument decontamination. On the following page, you will find the key advantages at a glance:



Experience:
Specialization since 1951



Trust:
Over 500,000 units sold worldwide



Quality:
Made in Germany



Innovation:
450 specialized employees in Berlin



System Solution:
Instrument decontamination from a one-stop provider



The product highlights:

Performance

Quick sterilization and drying times enable efficient workflows.

Safety

The integrated documentation interface provides maximum process reliability.

Flexibility

Customize the chamber depths and the water supply to your individual needs.

User-friendliness

The MELAG 4-key concept and our digital tools make for an intuitive operating concept.



Find out more about the product highlights in our video:
www.melag.com/en/multimedia



Aligned to your workflow:

Euroklav® 23 VS+

Stand-alone steam sterilizer with a 45 cm chamber depth



Euroklav® 29 VS+

Stand-alone steam sterilizer with a 35 cm chamber depth



Save even more time and money:

With an optional MELAdem® water treatment system, you benefit from time- and cost-saving operation through the automated water supply and disposal.

The Euroklav® product highlights

These advantages are unique.

Gain more time for your patients: All our research and development efforts are focused on providing an efficient and safe workflow in instrument decontamination. Benefit from the time- and cost-saving advantages provided by short sterilization times, the intuitive operating and the versatile documentation concept of our Class S autoclaves.



Performance

Short sterilization processes for your practice and clinic: Quick-Program (including pre-vacuum) sterilizes unwrapped instruments in **only 15 minutes***. Larger quantities of wrapped instruments can be reprocessed in only 25 minutes* using the Universal-Program.

MELAG provides a wide range of insert racks to ensure an individual use of the sterilization chamber. The aligned accessories make for the **optimal loading of the steam sterilizers with up to 4 kg of instruments.**

* without drying



Safety

MELAG steam sterilizers monitor all the relevant **process parameters using a highly precise microprocessor control** to guarantee highest safety standards. The program logs provide legal certainty and are saved via a serial interface.

Our aligned documentation media offer maximum flexibility: Customize the documentation process with MELAflash CF-Card Printer, MELAnet Box, MELAprint® 44 or the approval software MELAtrace® to your needs.



Flexibility

One system – two autoclaves: To meet the individual needs in sterilizing instruments, MELAG offers the Euroklav® in two sterilization chamber sizes: Euroklav® 29 VS+ with 17 litres and Euroklav® 23 VS+ with 23 litres.

The integrated water tanks and patented air-cooling system make the stand-alone steam sterilizer **completely independent of installation requirements and easy to install.** An additional MELAG water treatment unit for automated **water supply** reduces your workload and thus saves time and money.



User-friendliness

The easy use of Euroklav® steam sterilizers allows you to concentrate on patient treatment: **The proven MELAG 4-key concept** enhances your workflow and avoids operating errors.

In addition to the intuitive operating concept, our **digital tools take the instrument decontamination process to the next level.** Discover these innovative multimedia solutions on the MELAG website.

Digital tools for smart workflows

Benefit from the digital tools on our website.



Multimedia:
Learn from more than 300 videos about safe instrument decontamination:
www.melag.com/en/multimedia



Download Center:
Retrieve MELAG documents from anywhere and at any time:
www.melag.com/en/service/downloadcenter



Troubleshooting:
Enter malfunction numbers to access immediate solutions:
www.melag.com/en/service/troubleshooting

The MELAG System Solution

Your one-stop provider for instrument decontamination.

The Euroklav® steam sterilizers are an important element of an efficient instrument decontamination workflow. The perfect alignment of the MELAG System Solution helps you to save time and money whilst providing the best-possible protection for patients and staff.

Benefit from the MELAG System Solution with products from the leading manufacturer in infection control:



Personal:
A central contact partner to answer all your questions



Efficient:
Reducing costs by synchronizing the service



Process-optimized:
Perfect alignment of the workflow and operation

Enhance the quality of instrument decontamination: Combine the MELAG steam sterilizers with MELAtherm® washer-disinfectors for efficient cleaning and disinfection, MELAseal® sealing devices for safe instrument packaging and the user-friendly documentation and approval software MELAtrace® to implement an ideal workflow in practice and clinic.



The instrument decontamination process:



✓ Cleaning and disinfection with MELAtherm®



✓ Packaging with MELAseal®



✓ Sterilization with Euroklav®



✓ Documentation and approval with MELAtrace®



✓ Labelling with MELAprint® 60*

* in conjunction with MELAtrace®

Perfection in the finest detail

Configure your Euroklav® steam sterilizer.

Use the full potential of the Euroklav® Series: With the wide range of accessories available for the MELAG autoclaves, you can tailor the workflow to your requirements, thereby ensuring the best instrument decontamination workflow.



Loading system

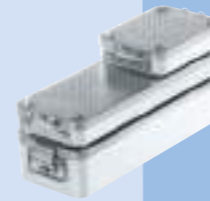
Take advantage of our loading system to ensure the optimal use of the sterilization chamber.



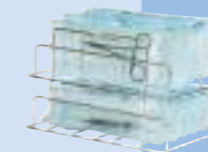
Mount A Plus
accommodates five trays for single instruments
Art. no. 82620 for Euroklav® 29 VS+
Art. no. 82630 for Euroklav® 23 VS+



Mount D
can be loaded with two higher sterilization containers
Art. no. 46840 for Euroklav® 29 VS+ and Euroklav® 23 VS+



Sterilization containers
are perforated and equipped with paper filters for perfect sterilization and drying results. Discover our wide range of sterilization containers:
www.melag.com/en/products/packaging/sterilization-containers



Foil holder
permits the vertical sterilization of wrapped instruments for optimal drying results
Art. no. 22410 for Euroklav® 29 VS+
Art. no. 22420 for Euroklav® 23 VS+



Documentation

The Euroklav® steam sterilizers guarantee legally-compliant documentation and approval with modern output media.



MELAttrace®
for the professional documentation, approval and traceability of the entire decontamination process
MELAttrace® without load administration: Art. no. 21128
MELAttrace® Pro with load administration: Art. no. 21138



MELAnet Box
transfers all logs to the computer and into the clinic network automatically
Art. no. 40296



MELAflash CF-Card Printer
saves all logs of the steam sterilizer simply and easily on a CF-Card
Art. no. 01039



MELAprint® 44
prints the sterilization logs in paper form
Art. no. 01144



Water treatment

MELAdem® water treatment units provide high-quality demineralized water to protect both your steam sterilizer and your instruments.



MELAdem® 40
is an ion exchanger for practices and clinics sterilizing up to three cycles per day
MELAdem® 40: Art. no 01049
Connection set: Art. no. 09031



MELAdem® 47
is a high-performance reverse osmosis unit for practices and clinics with larger sterilization requirements
MELAdem® 47: Art. no. 01047
Connection set: Art. no. 09032



MELAdem® 53 / 53 C
is a high-capacity water treatment unit for MELAtherm® and up to three further devices
Art. no. 01038



MELAJet®
facilitates instrument rinsing and flushing with demineralized water*
Art. no. 27300

*Compatible with MELAdem® 40 and MELAdem® 53 / 53 C

Technical data

Figures and facts at a glance.

Programs		Euroklav® 23 VS+ Euroklav® 29 VS+	Drying time
Quick-Program S*	134°C, Holding time: 3,5 min.	15 min.	10 min.
Universal-Program	134°C, Holding time: 5,5 min.	25 min.	25 min.
Gentle-Program	121°C, Holding time: 20,5 min.	40 min.	25 min.

*For unwrapped instruments only

	Euroklav® 23 VS+	Euroklav® 29 VS+
Article number	10056	10057
Device type	Stand-alone (additional water treatment unit can be connected)	
Chamber size	45 cm long x Ø 25 cm	35 cm long x Ø 25 cm
Chamber volume*	23 litres	17 litres
Load quantity	4 kg instruments 1 kg textiles	3 kg instruments 0,8 kg textiles
Device dimensions (W x H x D)	42,5 x 49 x 70 cm Device fits on a 60 cm table top	42,5 x 49 x 62 cm Device fits on a 50 cm table top
Weight	45 kg	42 kg
Power supply	220-240 V / 50/60 Hz	
Power consumption	2.300 Watt	2.100 Watt

*Litre specification rounded

System solutions, innovation and quality

MELAG was founded in 1951 and is an owner-operated family company, that specializes in products aiming at optimized practice hygiene. The manufacturing and production sites are exclusively located in Germany on a 25.000 m² premises with 450 employees working diligently to maintain MELAG's world leading role in instrument decontamination.



MELAG
competence in hygiene

For further information:
www.melag.com

MELAG Medizintechnik