MELAG

competence in hygiene

The innovative MELAG washer-disinfectors

MELA*therm*® 10 / MELA*therm*® 10 Evolution

Quality – made in Germany

The MELAG washer-disinfectors

For an optimized workflow in practice and clinic.

Cutting-edge technology for a superior workflow: Cleaning and disinfection with a MELAG washer-disinfector is the safest and most efficient way to ensure reliable instrument decontamination. Benefit from the advantages and protect your patients and team:

Efficiency:
Reducing your workload and saving time and money

Safety:
Improving safety by minimizing staff contact with instruments

Legal compliance:
Logging of the decontamination process ensures reproducibility

Process optimization:
Immediate availability of non-surgical instruments after automatic cleaning and disinfection*

MELA*therm*® 10

The product highlights at no extra cost:

- ✓ Active drying
- ✓ Drawer with integrated metering module and process agents
- ✓ Integrated documentation interfaces
- ✓ Practice-optimized washing chamber

NEW

MELA*therm*® 10 Evolution

provides additional new and unique innovations:

- ⊕ Large Smart-Touch Display with video tutorials
- ⊕ ProControl batch approval
- ⊕ AquaBoost Technology
- ⊕ MELAconnect interface

*Please comply with your national standards.

Customer reviews

"MELAG is our preferred partner for infection control. We trust in MELAG´s long experience and innovative approach for efficient workflows."

The Linden Tree Dental Lounge
Dunfermline, United Kingdom

"Using the MELAG system and MELAtherm® 10 enables us to satisfy patients´ needs and maintain the highest level of safety."

Clinic of Dr. Kateřina Jandová
Prague, Czech Republic

"We are delighted with the MELAG system solution! The aligned product line performs the entire decontamination workflow efficiently and quickly - even for 60 patients per day."

Clinic of Kampf and Vieler-Kampf
Grebenstein, Germany

The MELA*therm*® 10 product highlights

These advantages are unique.

Our goal is to provide the highest level of efficiency and safety in instrument decontamination. To this end, 180 engineers in the R&D department work at our Berlin headquarters to develop innovative solutions setting benchmarking standards in infection control. Take advantage of the MELAG washer-disinfectors with the unique product highlights:

Active drying

Instruments must be dry, regardless of whether they are re-used immediately after reprocessing in the washer-disinfector or whether they are wrapped and sterilized. **The active drying guarantees the best-possible workflows, whilst protecting your instruments against recontamination, corrosion and damage.**

Only few washer-disinfectors on the market have the active drying technology, which is necessary to achieve these results. Fitted with **active drying**, MELA*therm*® 10 ensures the best drying results at **no extra cost**.

Integrated metering module and process agents

The process agents and the metering module are integrated in the media drawer. The innovative MELAG concept **saves space, facilitates ergonomic work and helps to avoid errors**.

The metering module of MELA*therm*® 10 permits automatic and accurate dosing of the process agents. The ME*therm*® process agents are especially aligned to the requirements of MELAG washer-disinfectors, thereby ensuring the best cleaning outcome with minimum consumption.

Practice-optimized washing chamber

The optimized chamber concept of MELA*therm*® 10 allows for **economical and ecological instrument decontamination in record time.** Instruments are cleaned, disinfected and dried in only about 60 minutes. This top-level performance comes with **minimum consumption costs of only about 1.00 €/cycle.** Operating larger washer-disinfectors with an insufficient loading wastes energy and water and places an unnecessary burden on the environment.

Benefit from over **80 baskets and accessories** to adjust the configuration of the practice-optimized washing chamber to match your reprocessing needs - regardless of the size and specialization of your practice or clinic.

Documentation interfaces

MELAG washer-disinfectors monitor all the relevant process parameters to ensure the highest-possible level of safety. The generated logs **provide legal certainty and can be saved via CF card or two network interfaces.**

The batch approval **ProControl** of MELA*therm*® 10 Evolution makes your life even easier: Use **ProControl** to perform a paperless documentation and approval of the cleaning and disinfection process directly on the device **at no extra cost.**

Find out more about
replacing the process agents
in our video tutorial:

www.melag.com/en/multimedia

Find out more about
the **process documentation**
in our video tutorial:

www.melag.com/en/multimedia

MELA*therm*® 10

Superior quality and innovative features.

MELA*therm*® 10 is the solution for fast, safe and above all, cost-effective instrument decontamination. Over 15,000 practices and clinics throughout the world rely on the innovative device concept - join them and take your workflow to a whole new level.

With its **practice-optimized washing chamber** and a wide range of accessories, MELA*therm*® 10 permits the cleaning and disinfection of very large quantities of instruments. The subsequent **active drying** ensures hand-warm and dry instruments reprocessed within only about 60 minutes.

All the necessary components required for efficient decontamination procedures are integrated in the washer-disinfector in a space-saving way: The **dosing of process agents** and the **documentation of process parameters** are performed automatically by MELA*therm*® 10. This saves valuable time and allows your staff to take on other duties in practice and clinic.

Find out more about the advantages of **MELA*therm*® 10** in our product video: www.melag.com/en/multimedia

Active drying:

Active exterior and interior drying protects the instruments against corrosion and damage.

Integrated process agents:

Integration of metering module and process agents creates extra space, makes working easier and helps to avoid errors.

Practice-optimized washing chamber:

The combination of an innovative chamber concept with a versatile range of baskets helps to save time and money.

Documentation interfaces:

An integrated CF card slot and two network interfaces require no extra costs for documentation.

MELA*therm*® 10 Evolution

Impressive performance and intuitive operation.

The MELAG washer-disinfector of the Evolution Series convinces with new unique innovations in addition to the proven product highlights of MELA*therm*® 10. MELA*therm*® 10 Evolution provides maximum performance and ease of use for an even more efficient instrument decontamination workflow.

MELA*therm*® 10 Evolution sets new standards in operation: Its large **Smart-Touch Display** with helpful video tutorials facilitates intuitive operation. You retain full control even during the program cycle. The new **MELA*connect* App** provides you with access to the device status and program progress from anywhere in your practice or clinic. Finally, take advantage of **ProControl** to perform a fast and paperless batch approval directly on the Smart-Touch Display.

The new **AquaBoost Technology** ensures optimal cleaning outcomes:
AquaBoost achieves double rinsing pressure and up to 44 % better cleaning results at the same water consumption as MELA*therm*® 10. The increased pressure permits the decontamination of even more instruments. The cleaning, disinfection and drying of 23 handpieces and instruments for up to 40 patients in only 60 minutes is possible only with MELA*therm*® 10 Evolution.

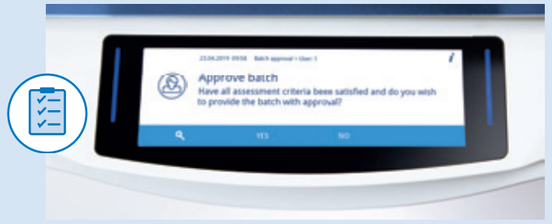
Find out more about the advantages of **MELA*therm*® 10 Evolution** in our product video: www.melag.com/en/multimedia

Smart-Touch:

Operation and program selection are as easy as never before using the large Smart-Touch Display. Integrated video tutorials covering all relevant issues guarantee a self-explanatory operating concept.

ProControl:

Performing user authentication and batch approval directly on the device saves time and provides legal certainty.



AquaBoost:

The new high-performance circulation pump ensures a 44 % better cleaning outcome and greater capacities: Decontaminate up to 23 handpieces and turbines per cycle!

MELA*connect* App:

Smart workflow in instrument decontamination: Monitor the device status and program progress at any time and from anywhere in your practice and clinic using the MELAG mobile app. The MELAconnect App provides even greater convenience: user manuals, video tutorials, troubleshooting and the seal check function ensure a perfect workflow.

Baskets and adapters for all specialties

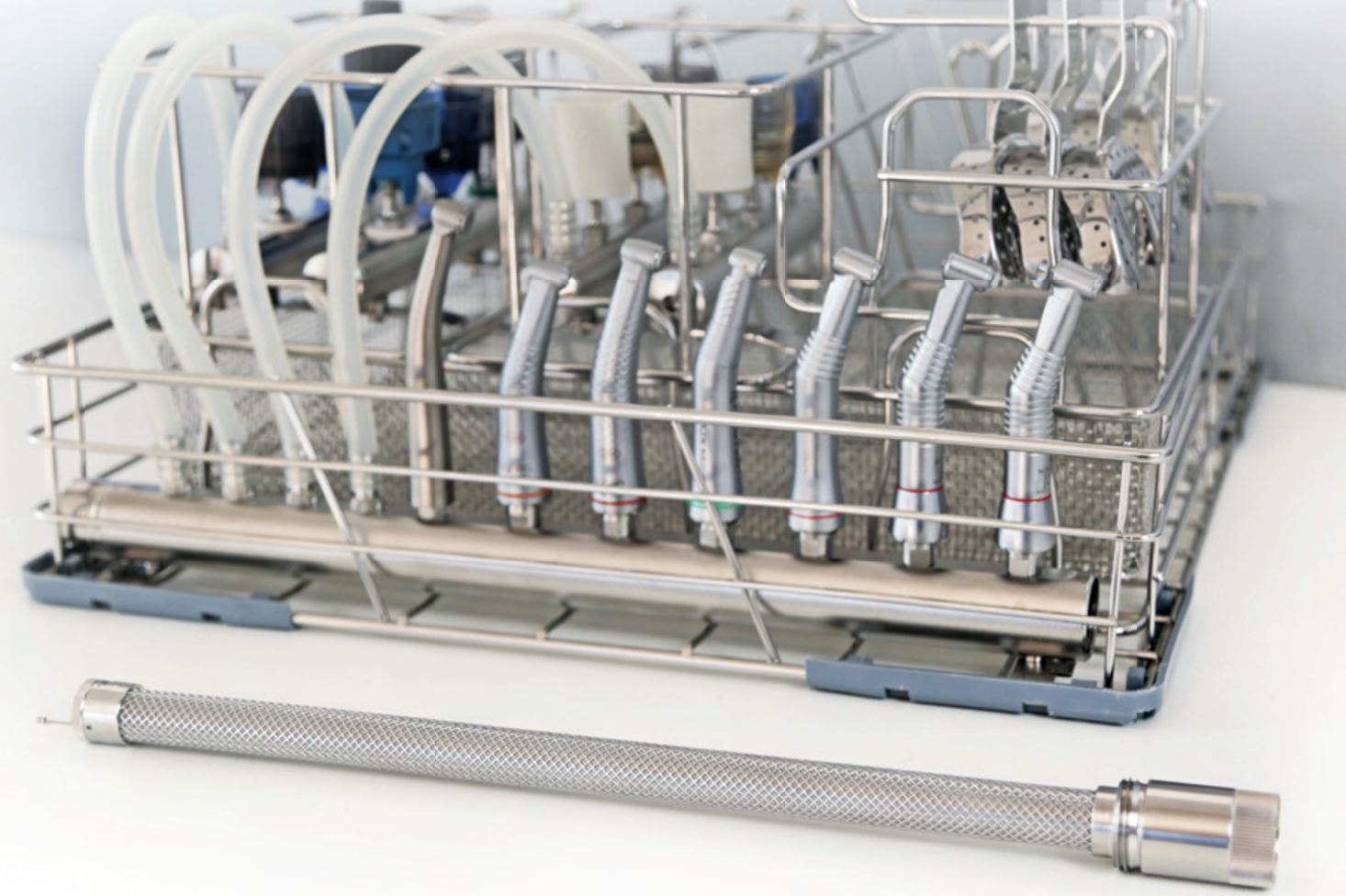
Perfection in the finest detail.

The practice-optimized washing chamber of MELAG washer-disinfectors guarantees short operating times, ergonomic work, low consumption of process agents and optimal cleaning outcomes.

Benefit from over 80 baskets and adapters to adjust the configuration of the practice-optimized washing chamber to match your needs - regardless of the size and specialization of your practice or clinic. The stackable Flex-baskets and the MELA*store*® system represent the best solutions for the decontamination of large quantities of instruments.

Cleanfinity Filter

The protection of hollow body instruments with narrow lumen requires reliable fine filtration of the water. The cleanable central filter and the innovative control indicator of the injector rail guarantee maximum safety and efficiency. If the control pin is not triggered, the filter can be cleaned quickly by using the brush included in the scope of delivery.

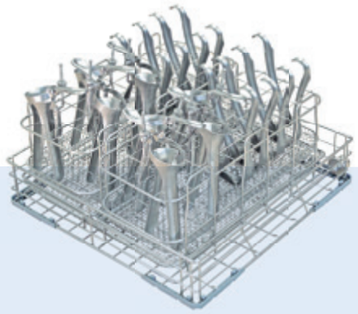


Discover our loading configurations:

The preselected loading concepts provide orientation for efficient instrument decontamination in your dental or medical field. For an individual configuration, please get in touch with our international sales team. The contact information of our territory managers is available on our homepage www.melag.com

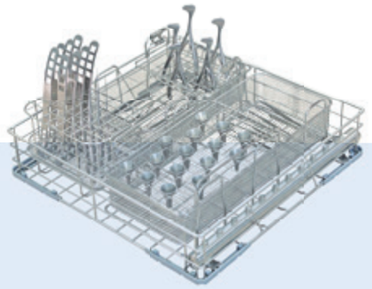
Dental clinic

Instruments for over 40 patients and up to 33 hollow body instruments can be decontaminated in a single cycle in record time. The injector basket Flex 1 represents the safest solution for the decontamination of ultrasonic scaler tips.



Gynaecological clinic

Up to 32 specula are available for patient treatment after cleaning, disinfection and drying. The Flex basket 6 provides additional space for further instruments.



ENT clinic

192 ear specula and many other instruments can be cleaned, disinfected and dried in only about 60 minutes. Take advantage of our versatile range of accessories for ENT practices and clinics.

Medical clinic

With a range of stackable Flex baskets, hose connections and adapters for up to 33 hollow body instruments, MELA*therm*® 10 perfectly fits the needs of surgical, orthopaedic and urological, dermatological and general practices and clinics.

The MELA*store*® system

Re-defining decontamination workflows.

Are you aiming at improving your workflow even further? Enhance the efficiency and quality of your instrument decontamination process with MELA*store*®. Available in various sizes, MELAG wash trays and sterilization containers are perfectly aligned to MELAG washer-disinfectors and autoclaves. Benefit from the unique advantages of MELA*store*®-Trays and MELA*store*®-Boxes:

Saving time:
Save up to 30 minutes per decontamination cycle compared to the individual packaging of instruments

Environmental protection:
Reduce material costs and practice waste through lower consumption of transparent sterilization packaging

Process optimization:
Increase the degree of standardization and quality management

Safety:
Safe fixing of instruments through silicone bars to protect your instruments and personnel.

Discover the advantages of the **MELA*store*® systems** in our video:
www.melag.com/en/multimedia

Decontamination process using MELA*store*®

Cleaning and disinfection of **MELA*store*®-Trays** with **MELAG washer-disinfectors**

Packaging with **MELA*store*®-Boxes**

Sterilization with **MELAG autoclaves**

Documentation and approval with **MELA*trace*®**

Labelling with **MELA*print*® 60**

Accessories

Aligned solutions for the MELA*therm*® 10 Series.

The optional accessories ensure even greater efficiency and reliability in instrument decontamination. Choose from **ME*therm*®** process agents, our MELA*dem*® 53 water treatment unit, the MELA*trace*® documentation and approval software, the MELA*store*® wash trays and sterilization containers as well as a floor unit to customize and improve your workflow as you need it.

ME*therm*® process agents

Developed especially for the MELAG washer-disinfectors, our ME*therm*® process agents (cleaning agents, neutralizers and rinse aids) guarantee best cleaning and drying outcomes with minimum consumption. Take advantage of a free ME*therm*® starter set to experience the benefits of the process agents and their perfect alignment with MELAG washer-disinfectors.

MELA*dem*® 53
The water treatment unit performs the final rinse with demineralized water, thereby ensuring the protection and care of your instruments. The high-performance MELA*dem*® 53 even permits the connection of additional devices in your decontamination room.

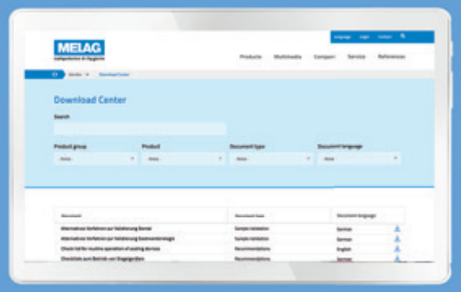
MELA*trace*®
This user-friendly software solution ensures the paperless documentation, approval and traceability of the entire instrument decontamination process. MELA*trace*® does **not require an annual signature or licence fee.**

MELA*store*®
For increased efficiency and quality in instrument decontamination: The high degree of standardization achieved by MELA*store*®-Trays and MELA*store*®-Boxes not only reduces waste, but also realizes remarkable time-savings.

MELAG floor unit
It is possible to upgrade the MELA*therm*® 10 with the ergonomically designed MELAG floor unit to facilitate loading and unloading for a higher level of convenience. It also provides additional storage space.

Digital tools

Take advantage of our international sales team and of our digital tools on our website to achieve the best-possible workflow in your practice or clinic:

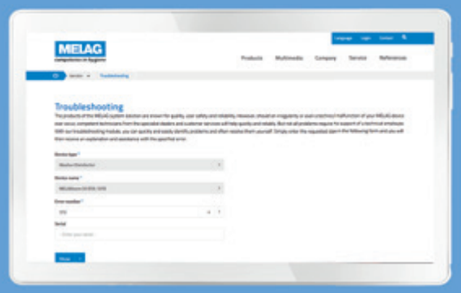


Download center:
Feel free to use our intuitive download center to access all the required information and documents that you need.

www.melag.com/en/service/downloadcenter

Multimedia:
Profit from over 280 videos on our Multimedia channel to answer all relevant issues of instrument decontamination.

www.melag.com/en/multimedia



Troubleshooting:
Enter the malfunction code on your computer, tablet or smartphone to access troubleshooting advices quickly.

www.melag.com/en/service/troubleshooting

Technical data
Figures and facts at a glance.

MELAG washer-disinfectors are available in the versions 400 Volt (three-phase current, DTA) and 230 Volt (alternating current, DTB). If the installation location permits connection to a 400 Volt supply, we recommend the DTA version due to its significantly shorter operating times.

Programs	MELA*therm*® 10		MELA*therm*® 10 Evolution	
	DTA / 400 V*	DTB / 230 V*	DTA / 400 V*	DTB / 230 V*
Quick-Program	36 min	53 min	37 min	57 min
Universal-Program	40 min	59 min	42 min	63 min
Intensive-Program	51 min	64 min	54 min	67 min
Ophthalmo-Program	42 min	59 min	43 min	63 min

* All programs plus active drying, which the user can interrupt at any time.

	MELA*therm*® 10	MELA*therm*® 10 Evolution
Device dimensions (W × H × D)	59,8 × 81,8 (83,6**) × 67,8 cm fits under a 60 cm worktop	
Device dimensions (W × H × D) with floor unit	59,8 × 124 × 67,8 cm	
Washing chamber (W × H × D)	46,5 × 40,5 × 44,8 cm	
Weight	80 kg (86 kg**)	
Weight with floor unit	106 kg	
Electrical connection DTA	3 N AC 400 V, 50 Hz, 3 × 16 A	
Power input DTA	9,3 kW	10,2 kW
Electrical connection DTB	AC 220 –240 V, 50 Hz, 1 × 16 A	
Power input DTB	3,3 kW	3,3 kW
Dimensions MELA*dem*® 53 / 53 C	Ø 24 × 57 cm (61,5 cm inc. connecting bend) / Ø 24 × 44,3 cm (48,8 cm)	

** with cover plate

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 22.000 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

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