MELAcare

Wellness for your instruments: Cleaning, disinfection & lubrication for long-term instrument protection.



www.melag.com/en

MELAG

Good care never wears out

When it comes to handpieces, only one thing matters: MELAcare.

Do you know that feeling when a new dental handpiece or turbine just works perfectly? When every treatment runs smoothly and everything feels effortless? That feeling now has a name: MELAcare for fully automatic cleaning, disinfection & oil care with benefits you can feel every day:



Time to CARE: No compromises on hygiene

With MELAcare, you can reprocess up to 6 hollow-body instruments between treatments – with cycle times starting at just 14 minutes (including drying of the spray and drive channels & pre-cooling). The result: maximum patient safety combined with lower investment costs for additional instrument sets.



Because your instruments deserve CARE: Day after day

The wellness program for your handpieces and contra-angles: Systematic reprocessing, oiling and additional chuck care performed directly on the MELAcare protect your valuable instruments from wear and help reduce costly repairs.



CARE instead of chaos: Your reliable companion – Made in Germany

Engineered in Berlin down to the smallest detail for a great performance: The incredibly compact MELAcare combines the expertise of more than 5,000 installed Careclave with over six years of experience in the reprocessing and care of handpieces and turbines. Built for reliable and efficient daily practice workflows, MELAcare offers high tolerance for water quality and significantly reduced routine tasks.



Do you need a new autoclave in addition to the MELAcare?

Then break through the limits of traditional reprocessing with our worldwide unique 4-in-1 Solution Careclave: Cleaning, disinfection, and lubrication of up to 8 handpieces and turbines as well as sterilization of up to 11 kg – all in one system.



More power. More flexibility. More wellness.

The workflow becomes WOWflow.

Perfect instrument care and reprocessing should support your practice – not slow it down.

MELAcare automates cleaning, disinfection and, if needed, oil care between treatments - helping streamline hygiene workflows, protect valuable instruments and keep them ready whenever they are needed.



MELAcare Lid Blue

for cleaning, disinfection and lubrication of up to 6 handpieces, contra-angles, turbines and handpiece heads in just 17 minutes

MELAcare Lid Green

for cleaning and disinfection of up to 6 ultrasonic scaler tips with a torque wrench, ultrasonic handpieces sprayvit nozzles or prophylaxis handpieces in just 14 minutes



Wellness for your instruments: Perfect results from just 14 minutes.



1. Deep Cleaning
with ULTRAflow Technology

Powerful cleaning inside and out – using compressed-air-accelerated dimeralized water, completely chemical-free, for brilliant results all around.



2. Thermal disinfection

Gentle on materials, highly effective in performance: Disinfection at approximately 95 °C (A_0 value 3,000) exposes your instruments to significantly lower temperatures while achieving a broad spectrum of activity – bactericidal, mycobactericidal, fungicidal, and effective against both heat-labile and heat-stable viruses.



3. Oil care
for MELAcare Lid Blue

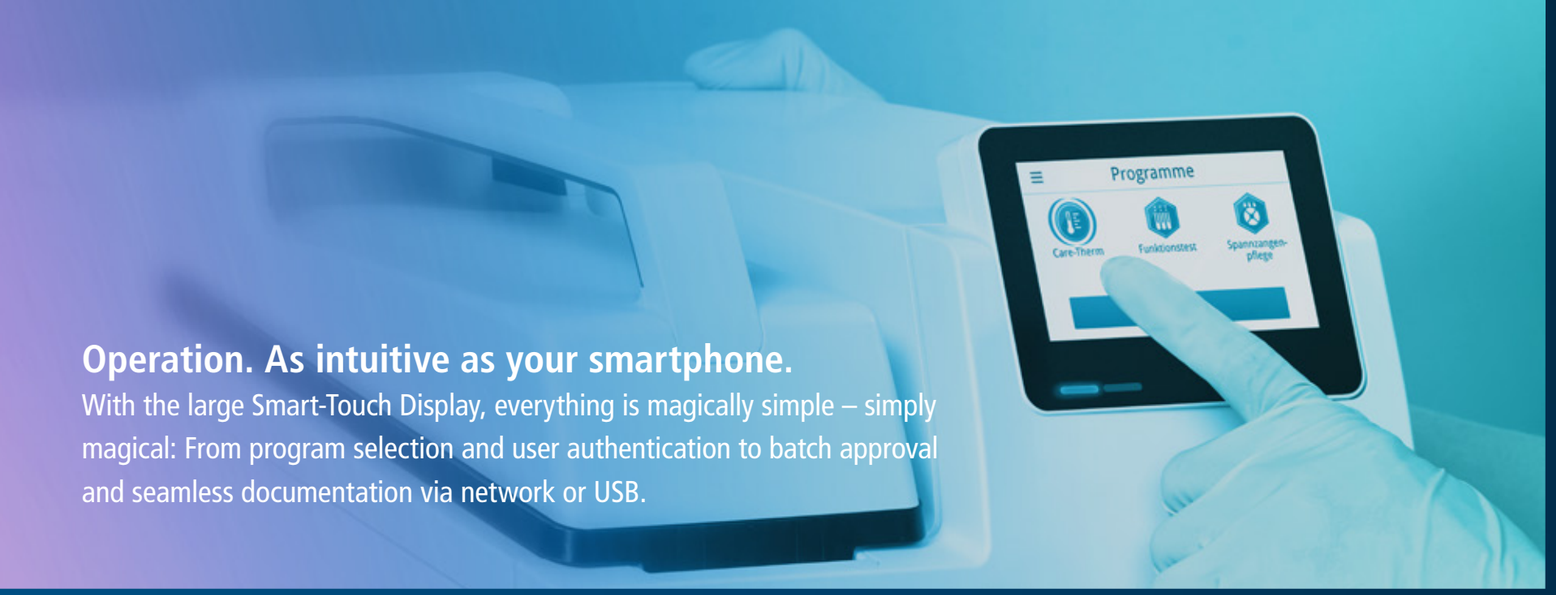
Precision lubrication at the highest level: MELAcare delivers fully synthetic oil precisely to all gear channels of rotating instruments, for reliable performance, optimal function and long-term value retention. Chuck care can also be carried out conveniently and directly on the unit.



4. Internal Drying and Pre-cooling

The spray and drive channels of your instruments are flushed with compressed air, dried, and simultaneously gently cooled during the process.

The intelligent additional cooling ensures that your instruments are ready for use in about 5 minutes after the process ends – with no further manual steps required.



Operation. As intuitive as your smartphone.

With the large Smart-Touch Display, everything is magically simple – simply magical: From program selection and user authentication to batch approval and seamless documentation via network or USB.



Protecting chucks. Reducing service costs.

Defective collets are among the most common causes of repairs for handpieces and turbines. With the integrated ADDcare station, essential chuck care is performed directly on MELAcare – with precision and fully documented.



Use 1× Care Oil. Care 1,000× instruments.

The fully synthetic MELAG Care Oil is incredibly economical to use, allows for precise dosing for each instrument and is particularly easy and quick to replace thanks to its convenient placement in the side compartment.

Join the CAREvolution

With these product highlights, everything runs like clockwork.

Small on the outside, big on the inside: Exceptional all around. Our incredibly compact MELAcare reprocessing and care unit – 100% Made in Germany – impresses with groundbreaking features for workflows with no stress. No compromises. Just endless possibilities.

- Validatable reprocessing procedure in accordance with EN ISO 15883-1/2 starting at approx. 14 minutes
- Gentle on instruments, with no chemicals used for cleaning and disinfection
- Precise lubrication and chuck care for reliable performance and a long life span for your valuable instruments
- Large touchscreen interface – perfectly tailored to MELAG autoclaves and washer-disinfectors
- Smart documentation and approval at no extra cost, directly on the device
- Incredibly compact design with a small footprint saves valuable space on the reprocessing line
- Significantly reduced routine tasks for the practice teamcompared to products requiring regular check-and-clean processes – saving valuable working time week after week
- Easy compliance with water quality requirements – convenient, reliable and as straightforward as your autoclave
- 28 specially developed adapters for secure fixation of all your hollow-body instruments



Up to 144 instruments per workday

The home of hygiene

The MELAG System Solution.

Every dental practice is unique. With customized system solutions, we are the partner you can rely on. Take advantage of the seamless integration of MELAG washer-disinfectors, sealing devices, autoclaves and software solutions. We help turn your vision of a time-, space- and cost-saving hygiene workflow into reality.

Personal:
A single point of contact for any questions regarding instrument reprocessing

Efficient:
Cost optimization through synchronization of service for all devices in the reprocessing room

Process-optimized:
A coordinated operating concept designed to prevent errors in daily practice

Smart:
Intelligent cloud connection with MELAverse for maximum efficiency, convenient remote service and secure storage of all hygiene documents (only in conjunction with MELAtrace)



MELAcare – unqiue as a product, unbeatable as a system



- Automated cleaning and disinfection with MELAtherm



- Reprocessing and care of contra-angle handpieces and turbines with MELAcare



- Packaging with MELAseal and MELAstore



- Steam sterilization with Vacuclave



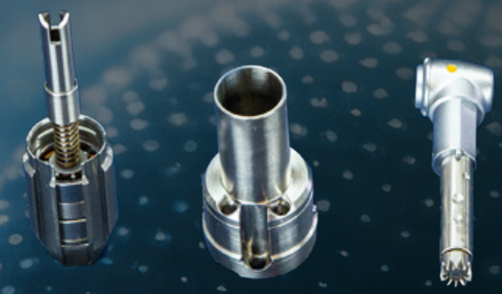
- Documentation, approval and labeling with MELAtrace

Accessories for MELAcare

As flexible as your needs.

Thanks to a wide range of accessories, you can easily put together the configuration that best suits your dental practice. MELAcare thus offers maximum safety and efficiency – perfectly tailored to your instrument reprocessing workflow:

Use our compatibility list on the MELAcare product page to quickly and easily find the right adapters: www.melag.com



With reprocessing and care units such as MELAcare or Careclave



Without reprocessing and care units such as MELAcare or Careclave



MELAcare Lid Green (Order no. ME10712)

for reprocessing hollow-body instruments that do not require oiling.
Configure the MELAcare Lid Green with up to 6 adapters for ultrasonic scaler tips and prophylaxis handpieces.

Adapter for M3.0 x 0.5 mm tips, male thread
e.g. for **KaVo** SONOsoft, Piezo LUX; **EMS** Piezon / Piezon LED; **W&H** Piezo Scaler; Tigon, Tigon+, Pyon 2 Chirurgie, Piezomed; **Komet** PiezoLine EM1, KA1, KA2; **NSK** Varios EMS; **Mectron** Multipiezo (Order no. ME80750)



Adapter for M3.0 x 0.35 mm tips, male thread
e.g. for **KaVo** PiezoLED, PiezoSoft, eSCALER (Order no. ME80752)



Adapter for M3.0 x 0.6 mm tips, male thread
e.g. for **Acteon** (Satelec) Newtron, Suprasson; **Ultradent** Newtron; **Hu-Friedy** Piezo S-Serie; **NSK** Varios (Order no. ME80756)



Adapter for M3.5 x 0.35 mm tips, female thread
e.g. for **Planmeca** LM-ProPower (Order no. ME80755)



Adapter for M3.5 x 0.6 mm tips, female thread
e.g. for **Sirona** SIROSON, SIROSONIC, PerioSonic; **Komet** PiezoLine SI1; **Dürr** Vector Scaler; **Morita** Softy / Softy LED (Order no. ME80760)



Adapter for tips M3.6 x PH1.5 P0.5 mm, female thread
e.g. for **KaVo** SONICflex quick 2008 (Order no. ME80751)



Adapter for M3.0 x 0.5 mm tips, female thread
e.g. for **KaVo** SONICfl ex 2000, 2003; **Sirona** SIROAIR L; **W&H** air scaler, Proxeo, Synea, Alegra; Comet SonicLine SF1LM; **NSK** air scaler Ti-Max S970, AS2000; **EMS** Piezon (LED) handpiece (Order no. ME80790)



Adapter for ZEG handpieces, M3.0 x 0.35 mm, female thread
e.g. for **KaVo** PiezoLED Ultraschall Scaler, PIEZOsoft Ultraschall Scaler (Order no. ME80753)



Adapter for ZEG handpieces, M3.0 x 0.6 mm, female thread
e.g. for **Acteon** (Satelec) Newtron, Suprasson, **NSK** Varios, Satelec (Order no. ME80757)



Adapter for ZEG handpieces, M3.5 x 0.6 mm, male thread
e.g. for **Sirona** Siroson, Sirosonic, PerioSonic (Order no. ME80771)



Adapter for EMS AIR-Flow Prophylaxis Master
e.g. for **EMS** EL-308 (Prophylaxis Master) (Order no. ME80614)



Adapter for EMS AIR-Flow Handy 3.0
e.g. for **EMS** EL-540 (Handy 3), EL-542 (Handy 3.0 PERIO), EL-545 (Handy 3.0 PLUS) (Order no. ME80613)



Adapter for KaVo multifunction cannula
e.g. for **KaVo** 3-function cannula, **KaVo** multifunction cannula (Order no. ME80803)



Adapter for Sirona Sprayvit nozzle
e.g. for Sirona Sprayvit nozzle (Order no. ME80802)



Adapter for KaVo eSCALER handpiece
e.g. for **KaVo** eSCALER Ultraschallscaler Handstück (Order no. ME12411)



NEW: Adapter for NSK Prophy-Mate neo (Airflow)
ee.g. for **NSK** Prophy-Mate Neo handpiece (Order no. ME80616)



NEW: Adapter for NSK Prophy HP (Varios Combi Pro [2])
e.g. for **NSK** Prophy HP handpiece, **NSK** Perio HP handpiece (Order no. ME80617)



NEW: Adapter for Dürr MyLunos powder water jet nozzle
e.g. for **Dürr** MyLunos powder-water jet nozzle Order no. ME80804)



M8 x 1 adapter, eccentric
is required if up to 4 torque wrenches with a diameter greater than 38 mm are to be reprocessed (Order no. ME35380)



Marking discs for adapters
The colour-coded marking of adapters avoids the fitting of instruments on the incorrect adapters, thereby preventing damage to the threads (Order no. ME80769)





MELAcare Lid Blue (Order no. ME10711)

for the reprocessing and care of handpieces and turbines.
Customize the MELAcare Lid Blue with up to 6 adapters for handpieces and turbines.

Adapter for ISO coupling (INTRA)
(Order no. ME02607)



Adapter for KaVo / BienAir contra-angle handpieces
is attached to an adapter for an ISO coupling (Order no. ME02606)



Adapter for Sirona T1 Classic
(Order no. ME02604)



Adapter for turbines with a Sirona coupling
(Order no. ME02602)



Adapter for turbines with KaVo coupling (MULTIflex)
(Order no. ME02601)



Adapter for turbines with W&H coupling (Roto Quick)
(Order no. ME02605)



Adapter for BienAir turbine couplings
(Order no. ME02608)



Adapter for Midwest turbines (4/5-hole)
(Order no. ME02609)



Adapter for NSK turbine couplings (Phatelus)
(Order no. ME02611)



Adapter for external spray channels
includes 1 meter of hose (Order no. ME21914)



Select additional accessories:

From water treatment to documentation, our well-designed accessories meet the highest quality standards and integrate seamlessly into your processes to ensure greater efficiency, transparency and safety in daily practice.

Water treatment

MELAdem 53 / 53 C
is a high-capacity water treatment system for MELAtherm, MELAcare and up to two additional units.

MELAdem 47
is a high-performance reverse osmosis system for MELAcare and other autoclaves.

MELAdem 40
The compact solution for cost-effective production of demineralized water – ideal for occasional use with MELAcare.



Documentation

MELAtrace
enables professional documentation, approval and tracking of the entire reprocessing process.



Now with a free upgrade to MELAverse
With our new cloud platform, you can store all your important hygiene documents in one central location and also benefit from quick service diagnosis via remote monitoring by your technician.



Facts and figures at a glance

Technical specifications.

MELAcare automatically detects whether the Blue Lid or the Green Lid is in use and intelligently adapts the program to your instruments – for maximum efficiency, safety, and fewer errors in your daily practice.

Programs	Description*	Cycle times**	Intelligent additional cooling*** (optional)
Care-Therm Green	Exterior and interior cleaning, disinfection at 95 °C, interior drying & pre-cooling	ca. 14 min	ca. 5 min
Care-Therm Blue	Exterior and interior cleaning, disinfection at 95 °C, oil care, interior drying & pre-cooling	ca. 17 min	ca. 5 min

*Depending on the instrument's design and connection configuration, residual moisture may remain in certain areas. Please check the instruments for residual moisture in accordance with the manufacturer's instructions and dry them again if necessary.** Instrument temperature: Approx. 70 °C *** Instrument temperature: Approx. 50 °C

MELAcare can be installed quickly and easily in any reprocessing room. The following list provides an overview of the installation requirements for electricity, water, and compressed air:

Technical specifications	MELAcare 600
Order number	ME10600
Device dimensions (W × H × D)	31 x 44 x 38 cm
Weight	ca. 16 kg
Loading capacity, Lid Blue/Green	up to 6 hollow-body instruments
Power supply	200-240 V, 50 / 60 Hz
Power consumption	1.8 kW
Compressed air connection	4–8 bar (compressed air in accordance with ISO 7494-2)
Feedwater supply	Max. 35 °C, 1.5–10 bar, additional water treatment required
Documentation interfaces	USB, Network
Maintenance interval	3,000 cycles or 2 years



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Save paper, protect the environment:
To reduce paper usage, we provide the user documentation for MELAcare electronically in our Download Center. For more information, visit **www.melag.com/en**

MELAG
competence in hygiene