

MELAG System Solutions for instrument reprocessing



System solution, innovation and quality

Made in Germany. Made for You.

Would you like to save time and money on instrument reprocessing? With our system solutions, we ensure efficient and safe workflows of the highest quality. As an owner-operated family company founded in 1951, we specialize in products aiming at optimized hygiene in practice and clinics environments. Get an overview of our advantages:



Experience
Specialization
since 1951



Quality
100 % made
in Germany



Innovation
500 specialized employees
in Berlin

Medical

Minimum workload, maximum safety: Automated cleaning and disinfection with MELAtherm® protects your team and saves time and money.

Dental

The revolution in instrument reprocessing: Careclave® combines cleaning, disinfection, lubrication and sterilization in just one device!

Careclave®

Careclave®	The revolutionary 4-in-1 solution, Cooling Box, Care Oil	02
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Autoclaves up to 28 litres

Premium-Class Evolution	Vacuclav® 40 B+ / 41 B+ / 43 B+ / 44 B+ Evolution	06
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Trust
World-leading with over
700,000 satisfied customers



System solutions
Instrument reprocessing
aligned to your specialism

Veterinary

For the safety of our faithful friends, the pets: Contact us to learn more about our individual System Solution with SteriHero Vet for the veterinary practice and clinic.



Hospitals

Decontaminating large quantities of instruments in the shortest-possible time: The system solution with Cliniclave® and Vacuclave® 550 is ideally suited to an efficient workflow in large clinics and hospitals.



Lubrication

Care Oil Spray	Fully synthetic oil for manual care	40
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Routine checks

MELAcontrol®	Test systems for autoclaves, washer-disinfectors and sealing devices	41
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Sealing devices & packaging

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Water-treatment

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Further accessories	MELAJet®, water stop valve, pressure increase pump	48



Careclave®

The revolution of instrument reprocessing

Rethink everything you know about instrument reprocessing in dental practices and clinics. Nine years of intensive research and development have brought together what belongs together: The worldwide unique 4-in-1 Solution combines the entire process of instrument reprocessing in just one device! Benefit from revolutionary advantages:

- ✓ **Space:** Careclave® requires up to 45 % less space, as it combines a number of devices in one
- ✓ **Money:** Reduction of running costs for maintenance and validation by 50 %
- ✓ **Time:** Reprocessing and lubrication of up to 200 handpieces and further instruments in just one practice day

Careclave®

Chamber size: 35 cm, ø 25 cm, volume 18 litres

Device dimensions (WxHxD): 48 x 50 x 65.3 cm, Height including display 56.2 cm, fits on a 60 cm table top

Electricity supply: 220-240 V, 50 Hz, Compressed air: 4-8 bar

Water connection: MELAdem® 47 or MELAdem® 53 required
incl. USB stick and heat protection gloves

Order no. ME10618



Dust filter

Replacement after 1,000 cycles

Order no. ME82260

1. Cleaning & disinfection

The perfect duo for your workflow: Careclave® and Carebox guarantee the best cleaning and disinfection outcomes for the reprocessing of up to 8 transmission instruments, prophylaxis handpieces or ultrasonic scaler tips in only 16 minutes.

2. Lubrication

The Carebox not only ensures perfect care of your transmission instruments, but minimizes wear. And that is not all: The unique ADDcare station even performs the lubrication of the chuck system directly at Careclave® after the end of a program.



4. Documentation & approval

Perform the documentation process directly on the large Smart-Touch Display without any extra software solution. ProControl provides digital proof of a successful reprocessing procedure quickly, safely and paper-free via an USB flash drive or network.

3. Sterilization

Careclave® also provides everything you expect from a modern Class B steam sterilizer – and even more: Sterilize up to 11 kg of instruments in record time due to the patented Double Jacket Technology and DRYtelligence®.

Cooling Box

Use instruments on the patient immediately after reprocessing: The Cooling Box offers two programs that allow the Carebox Blue and Carebox Green to cool down quickly in just 4 minutes.

Device dimensions (WxHxD): 24.1 x 40.8 x 19.5 cm

Electricity supply: 100-240 V, 50/60 Hz

Order no. ME11000



Care Oil (150 ml)

The fully-synthetic MELAG Care Oil is not only economical in its consumption, but also guarantees the best-possible lubrication of chuck systems and instruments in the Carebox Blue.

Order no. ME84740

Accessories for Careclave®

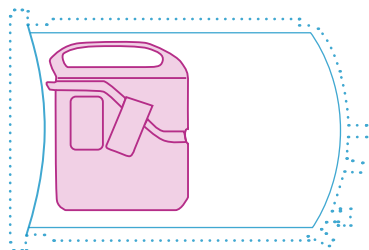
As versatile as your needs

Careclave® offers a wide range of loading options for time-saving reprocessing: A variety of accessories enables you to assemble the configuration which best suits your needs:

Load 1:

Carebox

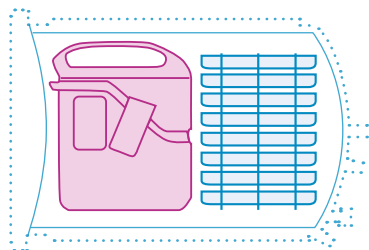
Do you need transmission or prophylaxis instruments for the next treatment as quickly as possible? Then reprocess up to 8 instruments in your Carebox.



Load 2:

Carebox & trays

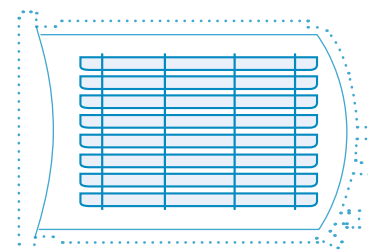
Would you like to enhance the efficiency of your staff? Then benefit from reprocessing and lubrication in the Carebox and sterilization of up to 8 trays for further instruments in just one cycle.



Load 3:

Long trays

Do you need maximum capacity for the sterilization of your instruments? Then simply load up to 11 kg of instruments on 8 long trays or 4 MELAstore® Boxes into Careclave®.



Carebox Green

for the reprocessing of hollow-body instruments which do not require oiling. Configure the Carebox Green with up to 8 adapters for ultrasonic scaler tips and prophylaxis handpieces.

Order no. ME10704



Carebox Blue

for the reprocessing and lubrication of transmission instruments. Align the Carebox Blue to your handpieces and turbines using up to 8 adapters.

Order no. ME10708



Carebox filter (12 pieces)

Each time the Care Oil is changed, both filters in the Careboxes must be replaced

Identification label for Carebox

Writable with a maximum of 15 characters and an additional barcode

Table mount

Table mount for holding the upper part of the Carebox for optimal handling when loading and unloading the instruments.

Order no. ME21412

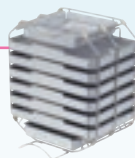
Order no. ME21409

Order no. ME22161



Mount 4+2

for 4 short trays and 2 narrow, short trays



Mount 6+2

for 6 short trays and 2 narrow, short trays

NEW



Mount Universal

enables flexible loading combinations of up to 8 trays and up to 3 MELAstore® Boxes



Mount in combination with Carebox

Mount 4+2	Order no. ME21778
Mount 6+2	ME22346
Tray for Careclave 4+2 and 6+2 mount	ME21774
Short tray for Careclave 4+2 and 6+2 mount	ME21776

Mount for sterilization in the Vacuclave Mode

NEW: Mount Universal	Order no. ME22921
NEW: Tray for Mount Universal	ME22923
NEW: Flat tray for Mount Universal	ME22925
Narrow tray for Mount Universal (27 x 11 cm)	ME01320



Adapters for the Carebox Green

Adapter for tips M3.0 x 0.5 mm, external thread

e.g. for **KaVo** SONOsoft, **Piezo** LUX; **EMS** Piezon / Piezon LED; **W&H** Piezo Scaler; **Tigon**, Tigon +, Pyon 2 Surgery, Piezomed; **Comet** PiezoLine EM1, KA1, KA2; **NSK** Varios EMS; **Mectron** Multipiezo

Order no. ME80750



Adapter for ultrasonic scaler handpieces M3.0 x 0.35 mm, internal thread e.g. for **KaVo** PiezoLED Ultrasonic Scaler, **PIEZOsoft** Ultrasonic Scaler

Order no. ME80753



Adapter for tips M3.0 x 0.35 mm, external thread

e.g. for **KaVo** PiezoLED, PiezoSoft

Order no. ME80752



Adapter for ultrasonic scaler handpieces M3.0 x 0.6 mm, internal thread e.g. for **Acteon** (Satelec) Newtron, Suprasson, **NSK** Varios, Satelec

Order no. ME80757



Adapter for tips M3.0 x 0.6 mm, external thread

e.g. for **Acteon** (Satelec) Newtron, Suprasson; **Ultradent** Newtron; **Hu-Friedy** Piezo S series; **NSK** Varios

Order no. ME80756



Adapter for ultrasonic scaler handpieces M3.5 x 0.6 mm, external thread e.g. for **Sirona** Siroson, Sirosonic, PerioSonic

Order no. ME80771



Adapter for tips M3.5 x 0.35 mm, internal thread

e.g. for **Planmeca** LM-ProPower

Order no. ME80755



Adapter for EMS AIR-FLOW Prophylaxis Master

e.g. for **EMS** EL-308 (Prophylaxis Master)

Order no. ME80614



Adapter for tips M3.5 x 0.6 mm, internal thread

e.g. for **Sirona** SIROSON, SIROSONIC, PerioSonic; **Comet** PiezoLine S11; **Dürr** Vector Scaler; **Morita** Softy / Softy LED

Order no. ME80760



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 tips M3.6 x PH1.5 P0.5 mm, internal thread

for **KaVo** SONICflex quick 2008

Order no. ME80751



Adapter M8 x 1, eccentric is required if up to 6 torque wrenches with a diameter greater than 38 mm are to be reprocessed

Order no. ME22407



Adapter for tips M3.0 x 0.5 mm, internal thread

e.g. for **KaVo** SONICflex 2000, 2003; **Sirona** SIROAIR L; **W&H** air scaler, Proxeo, Synea, Alegria; **Comet** SonicLine SF1LM; **NSK** air scaler Ti-Max S970, AS2000; **EMS** Piezon (LED) handpiece

Order no. ME80790



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



Our compatibility list can be found at:
www.melag.com/en/products/careclave



Adapters for the Carebox Blue

Adapter for ISO connector (INTRA)

Order no. ME02607



Adapter for turbines with W&H connector (Roto Quick)

Order no. ME02605



Adapter for KaVo / BienAir contra angle heads

is attached to the adapter for ISO connector

Order no. ME02606



Adapter for BienAir turbines connector

Order no. ME02608



Adapter for Sirona T1 Classic

Order no. ME02604



Adapter for Midwest connection (4/5 hole)

Order no. ME02609



Adapter for turbines with Sirona connector

Order no. ME02602



Adapter for turbines NSK connector (Phatelus)

Order no. ME02611



Adapter for turbines with KaVo connector (MULTiflex)

Order no. ME02601



Adapter for external spray channels

incl. 1 meter hose

Order no. ME21914



Premium-Class Evolution

The benchmark for autoclaves

The best made even better: MELAG's decades of experience in the field of practice and large autoclaves has allowed the development of particularly innovative and energy-efficient steam sterilizers. The Premium-Class Evolution series provides unique advantages for those looking to realize the most time- and cost-effective workflow.



- ✓ **Patented double jacket technology:**
Record-breaking operating times of 10 – 20 minutes (Quick-Programs incl. pre-vacuum and drying) guarantee even faster instrument availability.
- ✓ **Patented DRYtelligence®:**
The intelligent system makes for the perfect drying results whilst shortening the drying time by up to 80 %.
- ✓ **High loading capacity:**
The mount for 8 trays allows efficient use of the maximum load of up to 9 kg.
- ✓ **XXL colour-touch display:**
Documentation and approval is performed quickly, safely and paper-free directly on the display of the autoclave.



Device design:

Tap-water connection

Connection is as easy as with a washing machine.

Vacuklav® 40 B+ Evolution

Chamber: Depth 35 cm, ø 25 cm, volume 18 litres
Device dimensions (WxHxD): 46 x 50 x 55 cm,
Device fits on a 50 cm table top, height incl. display 56 cm

Order no. ME10080

Vacuklav® 44 B+ Evolution

Chamber: Depth 45 cm, ø 25 cm, volume 23 litres
Device dimensions (WxHxD): 46 x 50 x 68 cm,
Device fits on a 60 cm table top, height incl. display 56 cm

Order no. ME10084



Device design:

Stand-alone

The only requirement for installation is an electrical socket.

Vacuklav® 41 B+ Evolution

Chamber: Depth 35 cm, ø 25 cm, volume 18 litres
Device dimensions (WxHxD): 46 x 50 x 55 cm,
Device fits on a 50 cm table top, height incl. display 56 cm

Order no. ME10081

Vacuklav® 43 B+ Evolution

Chamber: Depth 45 cm, ø 25 cm, volume 23 litres
Device dimensions (WxHxD): 46 x 50 x 68 cm,
Device fits on a 60 cm table top, height incl. display 56 cm

Order no. ME10083

Flex-Display

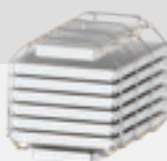
The special mount with 0.8 m long connection cable allows the display to be placed on the worktop or attached to the wall. The Flex-Display enables operation of the autoclave in restricted spaces of up to 50 cm height.

Order no. ME65000



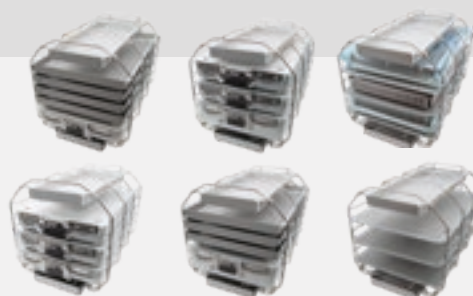
Please order appropriate mounts and trays:

For optimal use of the sterilization chamber, MELAG offers aligned loading systems for every demand.



Mount Universal - 1 mount, 1,000 possibilities:

The Mount Universal enables the flexible combination of up to 8 trays and up to 3 MELAstore® Boxes for a load that is tailored to your individual workflow.



For Vacuklav® 40 / 41 B+ Evolution

NEW: Mount Universal (short)

NEW: Tray for Mount Universal (short)

NEW: Flat tray for Mount Universal (short)

Narrow tray short for Mount Universal (27 x 11 cm)

Order no.

ME22921

ME22923

ME22925

ME01320

For Vacuklav® 43 / 44 B+ Evolution

NEW: Mount Universal (long)

NEW: Tray for Mount Universal (long)

NEW: Flat tray for Mount Universal (long)

Narrow tray long for Mount Universal (40 x 11 cm)

Order no.

ME22922

ME22924

ME22926

ME01310



Chamber Protect

Order no. ME01081
cleaning set for weekly cleaning of the stainless steel surfaces.

Further accessories on page 40 ff

Prime Line

Our price-performance champions with integrated approval software

Whether loading, sterilization or documentation - the new Prime Line class B autoclaves offer a price-performance ratio that stands up any comparison. In addition to the advantages of the new Pro Line autoclaves, benefit from the Prime Line for greater performance, outstanding drying results and traceable batch approval.



- + Impressive performance**
for sterilization in the Heavy Duty program of up to 8 kg
- + Optimum drying results**
for protection against re-contamination and corrosion thanks to DRYtelligence
- + Complete batch approval**
with user authentication and label printing with MELAprint® 80 directly on the display
- + Uncompromising convenience**
during operation, routine work and maintenance
- + Pioneering innovations**
for massive savings in electricity and water
- + Quality - Made in Germany**
for maximum reliability in everyday practice

~~UN~~ AFFORDABLE!

Prime Line

In addition to the product highlights of the Pro Line autoclaves, the Prime Line impresses with even higher loading capacities, excellent drying results and extended approval functions.

Vacuclave® 318

Chamber size: depth 35 cm, ø 25 cm, volume 17 liters
device dimension (WxHxD): 47 x 50 x 64 cm,
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10318

Vacuclave® 323

Chamber size: depth 45 cm, ø 25 cm, volume 23 liters
device dimension (WxHxD): 47 x 50 x 64 cm,
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10323

Water connection set for MELAdem® 40 and MELAdem® 47

Order no. ME09040

Select coordinated holders and trays:

For optimum utilisation of the sterilization chamber, MELAG offers a coordinated loading system for every application.



Mount A Plus
for 5 Trays



Mount A Plus (turned 90°)
for 3 MELAstore® Box 100

**For Vacuclave® 318**

Mount A Plus
Tray (29 x 19 cm)

Order no.

ME82620
ME00280

For Vacuclave® 323

Mount A Plus
Tray (42 x 19 cm)

Order no.

ME82630
ME00230

**Chamber Protect**

cleaning set for weekly cleaning of the stainless steel surfaces.

Order no. ME01081

Further accessories on page 40 ff

Pro Line

The attractive entry-level models: 100 % quality - Made in Germany

Do you know the world's best-selling Pro-Class autoclaves? Then you will love the new device generation - from the functions to the price! Because the attractively priced entry-level models of the Pro Line Class S and Class B autoclaves impress with smart operating and documentation concepts as well as a modern and extremely robust design.

- ✓ **High-performance vacuum process**
as Class B and S according to EN 13060
- ✓ **Connectivity and data logging**
of the sterilization log files via USB stick and network or printout via MELAprint® 80
- ✓ **High loading capacities**
of up to 6 kg on 5 trays
- ✓ **Stand-alone concept**
with integrated water tanks for maximum flexibility
- ✓ **Intuitive operating concept**
thanks to the Smart-Touch Display with LED status
- ✓ **Power Save mode**
for top energy efficiency in everyday practice use



Device design:

Class B autoclaves

The fractionated vacuum process reduces the air content in the sterilization chamber through repeated evacuation and subsequent steam generation to reduce the air in the sterilization chamber. This process not only enables the sterilization of solid and porous products, but also of narrow-bodied hollow instruments, such as surgical contra-angle handpieces and endoscopes.

Vacuclave® 118

Chamber size: depth 35 cm, ø 25 cm, volume 17 liters
device dimension (WxHxD): 47 x 50 x 64 cm
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10118

Vacuclave® 123

Chamber size: depth 45 cm, ø 25 cm, volume 23 liters
device dimension (WxHxD): 47 x 50 x 64 cm
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10123

Water connection set for MELAdem® 40 and MELAdem® 47

Order no. ME09040



Select coordinated holders and trays:

For optimum utilisation of the sterilization chamber, MELAG offers a coordinated loading system for every application.



Mount A Plus
for 5 Trays



Mount A Plus (turned 90°)
for 3 MELAstore® Box 100

NEW
as Class S



Device design:

Class S autoclaves

The Pro Line Class S autoclaves offer an even more cost-effective alternative for practices and clinics that do not require a class B autoclave due to the instruments used. Vacuclave® 118 S and Vacuclave® 123 S sterilize even packaged instruments with simple hollow bodies (e.g. hinged instruments such as scissors and needle holders).



Vacuclave® 118 S

NEW

Chamber size: depth 35 cm, ø 25 cm, volume 17 liters
device dimension (WxHxD): 47 x 50 x 64 cm
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10118S

Vacuclave® 123 S

NEW

Chamber size: depth 45 cm, ø 25 cm, volume 23 liters
device dimension (WxHxD): 47 x 50 x 64 cm
fits on 60 cm table top, incl. USB stick and tray holder

Order no. ME10123S

Water connection set for MELAdem® 40 and MELAdem® 47

Order no. ME09040

For Vacuclave® 118 / 118 S

Mount A Plus
Tray (29 x 19 cm)

Order no.

ME82620
ME00280

For Vacuclave® 123 / 123 S

Mount A Plus
Tray (42 x 19 cm)

Order no.

ME82630
ME00230



Chamber Protect cleaning set for weekly cleaning of the stainless steel surfaces.

Order no. ME01081

Further accessories on page 40 ff

Vacuclave 105 & 305

The fastest autoclaves of their class

To the future, get set, go! With the fastest autoclaves of their class, MELAG is redefining the limits of speed: With Vacuclave® 105 and Vacuclave® 305 you can sterilize your instruments on up to 2 trays in record time from 6.5 minutes (plus drying) - and all in the smallest of spaces.

Because these powerhouses with a chamber volume of 5 liters are compact class B autoclaves that achieve great things: Ideal as a supplement to your practice autoclave for quick sterilization between treatments or as a stand-alone device for smaller quantities of instruments. Take advantage of the versatility of the Vacuclave® 105 and Vacuclave® 305 to make your practice processes efficient and flexible.

- ✓ **Fast has never been this fast before:**
Sterilize up to 2 kg of instruments in record time from 6.5 to 15 minutes (plus drying).
- ✓ **Freely programmable drying:**
With flexDRY, you can flexibly adapt the drying time to your workflow and load.
- ✓ **A magical operating concept:**
The Smart-Touch Display makes everything easier - from program selection to documentation.
- ✓ **Connectivity and data logging:**
Documentation of sterilization protocols via USB stick, network or printout via MELAprint® 80.
- ✓ **Quickly installed, sterilized everywhere:**
Plug & Play installation concept enables lightning-fast commissioning.
- ✓ **Power Save mode:**
The heater and display are set to Power Save mode between sterilizations for top energy efficiency.

Pro Line

Vacuclave® 105

Who says you can't expect big features from a small autoclave? Buckle up and benefit from a magical operating concept, impressive power and smart functions that save you time, money and space in instrument decontamination.

Vacuclave® 105

Sterilization chamber dimensions (HxWxD) 8 x 20.3 x 31 cm,
Volume 5 liters

Device dimensions (WxHxD): 30 x 30 x 59 cm
incl. USB stick, 5 l waste water canister and tray holder

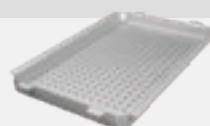
Order no. ME10105



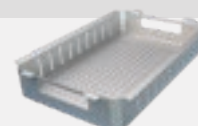
NEW

Order matching trays:

For optimum utilization of the sterilization chamber, Vacuclave® 105 and Vacuclave® 305 can be loaded with either 2x flat or 1x tray deep.



Tray flat
Dimensions (HxWxD)
2 x 17,3 x 28,7 cm



Tray deep
Dimensions (HxWxD)
5 x 17,3 x 28,7 cm

NEW

Prime Line

Vacuclave® 305

In addition to the product highlights of the Vacuclave® 105, you also benefit from:

- +** The patented DRYtelligence for optimum drying results and up to 80 % shorter drying times
- +** ProControl for batch approval and user authentication directly on the Smart-Touch Display
- +** Label printing with MELAprint® 80 for seamless traceability of the reprocessed instruments

Vacuclave® 305

Sterilization chamber dimensions (WxHxD) 20.3 x 8 x 31 cm,
Volume 5 liters

Device dimensions (WxHxD): 30 x 30 x 59 cm
incl. USB stick, 5 l waste water canister and tray holder

Order no. ME10305

**Für Vacuclave® 105 / 305**

Tray flat
Tray deep

Order no.

ME23446
ME23447

**Chamber Protect** Chamber cleaning set for weekly cleaning of the sterilization chamber.

Order no. ME01081

Further accessories on page 40 ff

* Cycle time with empty chamber and optimum conditions (plus drying)

Vacuklav® 24 BL+

The space wonder with 60 cm deep sterilization chamber

Quality you can count on: The Vacuklav® 24 BL+ has a particularly deep sterilization chamber (60 cm, volume 29 l) and is therefore suitable for practices, clinics and hospitals that want to sterilize extra-long instruments, such as rigid endoscopes in a short time.



Device design:

Tap-water connection

Connection is as easy as with a washing machine.



Vacuklav® 24 BL+

The autoclave for instruments up to 55 cm,
e. g. rigid endoscopes and accessories
Chamber: Depth 60 cm, ø 25 cm, volume 29 litres
Device dimensions (WxHxD): 42,5 x 49,5 x 83,5 cm,
Device fits on a 70 cm table top

Order no. ME10052

For Vacuklav® 24 BL+
Mount C Plus for 6 trays
Tray (55 x 19 cm)

Order no.
ME40246
ME00246

Further accessories on page 40 ff

Routine checks for autoclaves

Whether textiles, rigid instruments or hollow bodies - with our bowie & dick test, type 5 indicator or helix test, you can reliably check the sterilization result of the autoclave. Please note the compatibility of the test bodies with class S and B autoclaves.

MELAcontrol® Type 5
consisting of 250 indicator strips
Order no. ME01077



MELAcontrol® Bowie & Dick Test
consisting of 1 test pack
Order no. ME01078



MELAcontrol® Helix consisting of test body and 250 indicator strips

Order no. ME01080



MELAcontrol® Pro* Permanent test body incl. 40 indicator strips
MELAcontrol® Pro refill pack with 250 indicator strips and a seal

Order no. ME01075
Order no. ME01076



Which autoclave is the right one for you?

Discover our full range of small autoclaves.



The product highlights	Vacuclave 105 / 305 (Class B)	Pro Line (Class S)	Pro Line (Class B)	Prime Line (Class B)	Premium-Class (Class B)	Vacuclave 550 (Class B)
Smart-Touch Display: for intuitive operation	4.3"	4.3"	4.3"	4.3"	5.7"	7.0"
Chamber sizes: for your individual requirements	5 liters	17 – 23 liters	17 – 23 liters	17 – 23 liters	18 – 23 liters	53 liters
Maximum capacity: for loading with single instruments	Up to 2 kg	Up to 5 kg	Up to 6 kg	Up to 8 kg	Up to 9 kg	Up to 25 kg
Number of trays: for efficient use of the sterilization chamber	2 pcs.	5 pcs.	5 pcs.	5 pcs.	8 pcs.	16 pcs.
Number of sterilization containers: for loading with MELAstore Boxes	×	3x container (Attention: Observe maximum weight!)	3x container	3x container	4x container	10x container
Cycle times: for a sterilization process (without drying)*	6,5 – 15 min	13 – 28 min	15 – 31 min	15 – 31 min	8 – 21 min	12 – 43 min
Energy saving function: to deactivate the heating and the display between the sterilization processes	✓	✓	✓	✓	✓	✓
Conductivity measuring: for automatic testing of water quality	✓	✓	✓	✓	✓	✓
Integrated documentation interfaces: For log storage via network or data carrier	✓	✓	✓	✓	✓	✓
ProControl: Batch approval and user authentication directly on the device	✓ Vacuclave 305 only	×	×	✓	✓	✓
Printing of barcode labels: Using an optional label printer	✓ Vacuclave 305 only	×	×	✓	✓	✓
DRYtelligence: for optimum drying results and a reduction in drying time by up to 80 %	✓ Vacuclave 305 only	×	×	✓	✓	✓
Start time preselection: for an automatic program start at the desired time	×	×	×	×	✓	×
Maintenance cycles: to ensure the long-term quality	4,000 cycles or 2 years	2,000 cycles or 2 years	2,000 cycles or 2 years	2,000 cycles or 2 years	4,000 cycles or 2 years	4,000 cycles or 2 years

*Time range for minimum load in the Quick S program to maximum load in the Universal B program

Vacuclave® 550

Something big is coming: The large small autoclave.

Vacuclave® 550 proves true greatness: Compared to two alternative small autoclaves, the 50 litres solution offers significantly more capacity with a 40 % smaller footprint and pioneering innovations for energy-efficient, time- and cost-saving sterilization of your instruments.

- ✓ **More instruments. In less time.**
The new XL twin chamber concept, record cycle times and high loading capacities offer maximum versatility - and even more space for up to 25 kg instruments and 16 trays.
- ✓ **More power. Less energy.**
The patented system for heat recovery deploys the energy from the used steam to generate new steam. The Recovery technology not only reduces energy consumption by up to 15 % per cycle, but also heat dissipation into the decontamination room.
- ✓ **Optimal drying results – at any time!**
Rely on perfect results: DRYtelligence® optimally adapts the drying process to your load. The intelligent algorithm reduces the drying time by up to 80 % – and thus saves a lot of time, money and energy.
- ✓ **Intuitive like your smartphone.**
Uncompromising comfort: The extra-large Smart-Touch Display ensures operation, documentation and approval in a breeze.
- ✓ **Saving water also means: saving money!**
100 % reliability with 0 % cooling water – the patented Coolify Technology combines highly efficient air cooling with smart temperature monitoring.

Vacuclave® 550

Chamber: Depth 45 cm, ø 38 cm, volume 53 litres
 Device dimensions (WxHxD): 63,6 x 59,0 x 71,5 cm,
 Device fits on a 60 cm table top, height incl. display 65 cm
 Electricity supply: 220 - 230 V / 50 - 60 Hz / 15 or 13 Ampere Mode
 Water connection: MELAdem® 47 or MELAdem® 53 recommended
 incl. USB stick and tray holder

Order no. ME10550



Filling pump for supply from an external water tank
 External waste water tank
 Dust filter for replacement after 1,000 cycles

Order no.
 ME65010
 ME65020
 ME82260



Filling pump



External waste water tank



Dust filter



Chamber Protect cleaning set for weekly cleaning of the stainless steel surfaces.

Order no. ME01081



Mount Basic
for up to 16 trays

- For 7 trays for Vacuclave® 550 and 2 long trays
- For 14 standard trays and 2 long trays



Loading slide
for up to 10 MELAstore® Boxes

- For 10x MELAstore® Box 100
- For 7x MELAstore® Box 200 and 1x MELAstore® Box 100



Loading Slide with Mount Comfort
for up to 16 trays

- For 7 trays for Vacuclave® 550 and 2 long trays
- For 14 standard trays and 2 long trays

Mounts / Loading Slide

	Order no.
Mount Basic	ME22486
Mount Comfort (Loading Slide required)	ME22485
Loading Slide (Mount Comfort not incl.)	ME22606

Trays

	Order no.
Tray Vacuclave® 550 (41 x 29 cm)	ME00550
Standard Tray (29 x 19 cm)	ME00280
Long Tray (42 x 19 cm)	ME00230

Cliniclave® series

The large autoclaves for clinics and hospitals

The sterilization of large quantities of instruments or textiles and their quick availability number amongst the most important requirements of large clinics, hospitals and central sterile supply departments (CSSD).

The four models of the Cliniclave® series cover a range of needs: Available as single-door or double-door versions with a capacity of one or two sterilization units (StU) MELAG large autoclaves ensure smooth workflows in instrument reprocessing:



- ✓ **High loading capacity:**
With a load quantity of up to 70 kg of wrapped instruments or 14 kg of textiles, the Cliniclave® series provides far greater performance than other large autoclaves.
- ✓ **Patented double jacket technology:**
Record-breaking operating times of 23 – 58 minutes (incl. pre-vacuum and drying) guarantee even faster instrument availability.
- ✓ **Patented DRYtelligence®:**
The intelligent system ensures the best-possible drying results whilst shortening the drying time by up to 80 %.
- ✓ **XXL colour-touch display:**
The intuitive touch operating concept allows quick program selection and helps to avoid errors.
- ✓ **Documentation and approval:**
The sterilization batch is documented and issued with approval quickly, safely and paper-free – all performed directly on the display.



Our priority is your satisfaction



"The high loading capacities in conjunction with quick sterilization times of Cliniclave® 45 ensures maximum efficiency in instrument decontamination."

Clinica Veterinaria CMV
Varese, Italy





"Reliability and perfection – Cliniclave® provides us with time-saving processes and ensures the highest level of protection against infections for our patients."

Clinique Bellevue
Stavanger, Norway



We rely on the MELAG system with Cliniclave® 45 D in a two-room concept: Easy loading on the unsterile side and safe unloading on the sterile side.

Thonburi Dental Clinic
Bangkok, Thailand

Cliniclave® series

Four versions for maximum flexibility

Choose from four different versions of the Cliniclave® series for instrument decontamination: With a capacity of one or two sterilization units (StU) and as a single- or double-door solution – every MELAG large autoclave applies trend-setting technologies to your reprocessing workflow. These innovations allow safe and efficient steam sterilization tailored to the individual requirements of each medical facility – regardless of the number of patients treated, the types of instruments used, the space available in the designated decontamination area, the legal framework and national standards in force.

Single-door and double-door versions

Cliniclave® 45 and Cliniclave® 45 M are fitted with a door hinge on the left or right-hand side. Please indicate which version you require with the order.

The pass-through autoclaves Cliniclave® 45 D and Cliniclave® 45 MD have been designed for clinics and hospitals which perform instrument decontamination in accordance with the multi-room concept. To this end, our large autoclaves are fitted with a door on both the loading side and the removal side. The door hinge can be placed on either the right- or left-hand side. The scope of delivery includes the necessary wall claddings made of high-quality stainless steel to enable contamination-free installation.

The delivery, connection, commissioning and training is performed by a MELAG authorized retailer. This takes approx. 8 – 10 hours.

NEW: Now also available with delta connection for 220 - 240 V three-phase systems.

Cliniclave® 45

Single-door device
1 sterilization unit (1 StU)

Chamber: Depth 72 cm, ø 44 cm, volume 105 litres
Device dimensions (WxHxD): 65 x 160 x 91 cm
Power supply:
Star connection: 3x380-415 V + N + PE, 16 A, 50/60 Hz
Delta connection: 3x220-240 V + PE, 32 A, 50/60 Hz
Incl. sub-cabinet and CF card



Door hinge of your choice **Star connection / delta connection**

Door hinge left-hand side **Order no.** ME10045LS / ME10045LD

Door hinge right-hand side **Order no.** ME10045RS / ME10045RD

Cliniclave® 45 M

Single-door device
2 sterilization units (2 StU)

Chamber: Depth 134 cm, ø 44 cm, volume 200 litres
Device dimensions (WxHxD): 65 x 160 x 153 cm
Power supply:
Star connection: 3x380-415 V + N + PE, 32 A, 50/60 Hz
Delta connection: 3x220-240 V + PE, 63 A, 50/60 Hz
Incl. sub-cabinet and CF card



Door hinge of your choice **Star connection / delta connection**

Door hinge left-hand side **Order no.** ME10048LS / ME10048LD

Door hinge right-hand side **Order no.** ME10048RS / ME10048RD

Cliniclave® 45 D

Double-door device
1 sterilization unit (1 StU)

Chamber: Depth 74 cm, ø 44 cm, volume 110 litres
Device dimensions (WxHxD): 65 x 160 x 101 cm
Power supply:
Star connection: 3x380-415 V + N + PE, 16 A, 50/60 Hz
Delta connection: 3x220-240 V + PE, 32 A, 50/60 Hz
Incl. sub-cabinet (door on the removal side is closed), stainless steel wall claddings and CF card



Door hinge of loading and removal side of your choice **Star connection / delta connection**

Door hinge left/left **Order no.** ME10046LLS / ME10046LLD

Door hinge left/right **Order no.** ME10046LRS / ME10046LRD

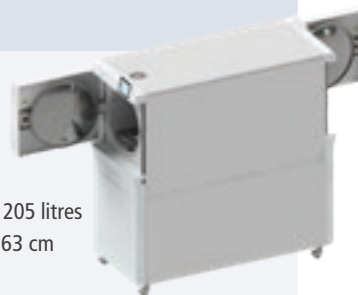
Door hinge right/left **Order no.** ME10046RLS / ME10046RLD

Door hinge right/right **Order no.** ME10046RRS / ME10046RRD

Cliniclave® 45 MD

Double-door device
2 sterilization units (2 StU)

Chamber: Depth 136 cm, ø 44 cm, volume 205 litres
Device dimensions (WxHxD): 65 x 160 x 163 cm
Power supply:
Star connection: 3x380-415 V + N + PE, 32 A, 50/60 Hz
Delta connection: 3x220-240 V + PE, 63 A, 50/60 Hz
Incl. sub-cabinet, stainless steel wall claddings and CF card



Door hinge of loading and removal side of your choice **Star connection / delta connection**

Door hinge left/left **Order no.** ME10049LLS / ME10046LLD

Door hinge left/right **Order no.** ME10049LRS / ME10046LRD

Door hinge right/left **Order no.** ME10049RLS / ME10046RLD

Door hinge right/right **Order no.** ME10049RRS / ME10046RRD



Aligned accessories for the best-possible workflow

The Cliniclave® series is available with a “standard” slide rail for quick and simple loading. MELAG provides an upgrade loading system – consisting of loading trolley, “comfort” slide rail, batch slider and loading hook – for even more ergonomic workflows.

Loading system

	Order no.
Loading trolley	ME01145
Push hook	ME28887
Batch slider (C45: 1 piece / C45 M: 2 pieces)	ME46891
Batch slider (C45 D: 1 piece / C45 MD: 2 pieces)	ME04521
Sliding rail „comfort” for Cliniclave® 45	ME80550
Sliding rail „comfort” for Cliniclave® 45 M	ME80570
Sliding rail „comfort” for Cliniclave® 45 D	ME85920
Sliding rail „comfort” for Cliniclave® 45 MD	ME85930



Mounts and trays

	Order no.
Insert frame for 4 trays or 2 baskets (C45 holds 1 piece / C45 M holds 2 pieces)	ME04517
Insert frame for 4 trays or 2 baskets (C45 D holds 1 piece / C45 MD holds 2 pieces)	ME04522
Tray, aluminum (WxHxD: 31 x 5 x 58 cm)	ME04520
Instrument basket, stainless steel (WxHxD: 28 x 13 x 57 cm)	ME00260



Water-treatment

	Order no.
MELAdem® 56 for Cliniclave® 45 and Cliniclave® 45 D	ME11056
MELAdem® 56 M for Cliniclave® 45 M and Cliniclave® 45 MD	ME11057
Water-stop-valve (Leakage detector)	ME01056



The MELAG washer-disinfectors

For an optimized workflow in practices and clinics

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 alike:



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

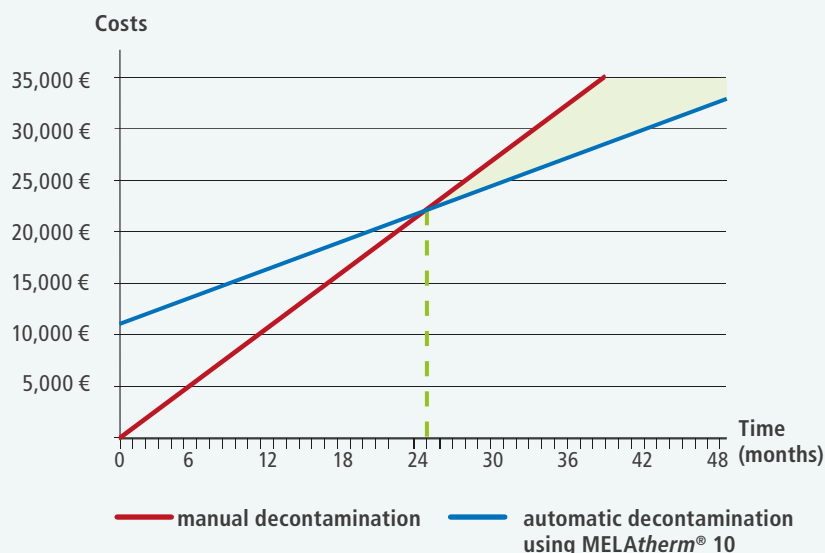


Process optimization:

Immediate availability of non-surgical instruments after automatic cleaning and disinfection (in accordance with national standards)

Break even after only 25 months with MELAtherm® 10 Evolution

assuming the following values:



Number of working days per month	22
Cycles per day	2
Hourly wage of assistant	18.50 €
Cost of disinfection bath	1.80 €
Costs of process agents, electricity, water	2.00 €
Working time for manual decontamination (h)	1
Working time for automatic decontamination (h)	0.25
Cost per decontamination cycle (manual)	20.30 €
Cost per decontamination cycle (automatic)	6.63 €
Acquisition cost MELAtherm® 10	11,000.00 €
Interest rate	5.0 %
Maintenance/Service/Validation per month	100.00 €

Costs per month (manual)	893.20 €
Costs per month (automatic)	437.33 €

Checklist for washer-disinfectors

Compare us with other manufacturers

We are convinced by the quality, reliability and the innovative product highlights of our washer-disinfectors. The following checklist summarizes the main product features to facilitate the comparison of our washer-disinfectors with devices from other manufacturers on the market.

The Product Highlights	Your Benefits	MELatherm® 10 Evolution	Device 1	Device 2
Active Drying	➔ Active internal and external drying protects your instruments against corrosion and damage and enhances the longevity of the instruments.	✓		
Intuitive touch operating concept	➔ A touch display with integrated video tutorials ensures safe operation of the device.	✓		
Integrated process agents	➔ The integrated process agents and dosing unit save valuable space in the decontamination room.	✓		
Liquid process agents	➔ The automatic dosing of liquid process agents guarantees perfect cleaning and drying results.	✓		
Documentation interfaces	➔ With a CF-card and two network interfaces, the transfer of log files is performed in an easy and legally compliant way without needing additional software solutions.	✓		
Batch approval on the device	➔ Paperless user authentication and batch approval enable the immediate re-use of non-surgical instruments (please comply with your national standards).	✓		
Practice-optimized washing chamber	➔ The chamber concept permits efficient loading, fast cycle times and low consumption costs of only about 1 €/cycle (one MELAtherm® 10 load corresponds to approx. two autoclave loads).	✓		
Cleanable central filter	➔ The innovative control indicator of the injector rail verifies the filter performance reliably. If the indicator is not triggered, the filter can be cleaned quickly and easily by the practice team.	✓		
Decontamination of ultrasonic scaler tips	➔ Only the decontamination of ultrasonic scaler tips with torque wrench guarantees maximum user safety.	✓		
Adaptation of more transmission instruments per cycle	➔ Thanks to the powerful AquaBoost technology, the loading capacity can be increased to up to 23 straight and contra-angle handpieces per cycle in combination with the Flex 1 injector baskets.	✓		
Monitoring of rinse pressure and rinse arms	➔ The monitoring of these parameters ensures absolute process reliability.	✓		
Extended maintenance cycles	➔ Maintenance cycles of 24 months or 1000 cycles reduce the ongoing service costs	✓		
Satisfied users in your region	➔ Be inspired by other MELAtherm® 10 customers on www.melag.com/en/references	✓		



Are you already a satisfied user of our MELAG steam sterilizers? Benefit now from the cost savings achieved through coordinated maintenance and validation services when buying a MELAG washer-disinfector!

MELAtherm® 10 Evolution

Comfort and performance brought to perfection

The washer-disinfectors of the Evolution Series set new standards in efficiency and innovation. Building on the proven strengths of MELAtherm® 10 – with the active drying, integrated process agent intake and included documentation interfaces at no extra cost, MELAtherm® 10 Evolution introduces groundbreaking product highlights.

- ✓ **Smart-Touch Display:** Intuitive operation with a large display and integrated video tutorials for effortless use.
- ✓ **ProControl:** Fast, paperless batch approval directly on the Smart-Touch Display for complete documentation.
- ✓ **AquaBoost Technology:** Double rinsing pressure for up to 44 % improved cleaning results, allowing the decontamination of more instruments with optimal efficiency.

The 80 different baskets and other accessories available for the MELAtherm® 10 Evolution series enable you to configure a bespoke load, tailored to the individual needs of practices and clinics. **This ensures the best-possible workflow for the cleaning and disinfection of instruments for up to 45 patients in only one cycle at record speed!**

MELAtherm® 10 Evolution DTA

Built-in solution - three-phase current

Device dimensions (WxHxD): 60 x 82 x 68 cm,
Fits under a 60 cm worktop
Electrical connection: 3N AC 400V, 50 Hz, 3 x 16A
incl. CF card

Order no. ME20020

MELAtherm® 10 Evolution DTB

Built-in solution - alternating current

Device dimensions (WxHxD): 60 x 82 x 68 cm,
Fits under a 60 cm worktop
Electrical connection: 230V, 50 Hz, 16A
incl. CF card

Order no. ME20021



Floor unit

provides additional storage space and guarantees ergonomic loading and operation.
Dimensions (WxHxD): 60 x 40 x 60 cm

Order no. ME11021



Stainless steel cover plate

in case the device is not covered by an end-to-end surface

Order no. ME65310



Smart-Touch:

Operation and program selection are as easy as never before using the large Smart-Touch Display. Integrated video tutorials on all relevant questions of operation 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.



Active drying and process agent intake:

Active external and internal drying safeguards instruments from corrosion and recontamination, while the integrated process agents save valuable space in the reprocessing room.



Baskets and adapters for all specialties

Perfection into the smallest detail

The practice-optimized washing chamber of MELAG washer-disinfectors makes for short operating times, ergonomic working practices, low consumption of process agents and optimal cleaning results. Use over 80 different baskets and adapters to customize the washing chamber to your needs – whatever the size and specialization of your clinic is. The stackable flex baskets and MELAstore® system provide the best solutions for the decontamination of a large quantity of instruments.

Basic configuration for the dental clinic

Instruments for over 45 patients and up to 33 hollow body instruments can be decontaminated in a single cycle in record time:

- 1x ME84610: Basic basket with injector rail and Cleanfinity Filter
- 1x ME80135: Universal holder Flex 2
- 3x ME01181: MELAstore® Tray 100
- 1x ME80020: Flex basket 2
- 2x ME80110: Holder for impression trays, scissors and clamps
- 1x ME00184: Instrument basket standard
- 1x ME00133: Small-parts basket

As an option: Adapters for the injector rail, Injector basket Flex 1 and 6 ultrasonic scaler tips



Basic configuration for the OMF surgery

The Instruments are reprocessed as a set in MELAstore® wash trays in record time:

- 1x ME84610: Basic basket with injector rail and Cleanfinity Filter
- 1x ME80136: Universal holder Flex 3
- 6x ME01181: MELAstore® Tray 100
- 1x ME80135: Universal holder Flex 2
- 3x ME01182: MELAstore® Tray 200
- 1x ME00195: Instrument basket compact

As an option: Adapters for the injector rail



Basic configuration for orthodontists

The following loading configuration is ideally suited for the decontamination of instruments of a orthodontic clinic:

- 1x ME84610: Basic basket with injector rail and Cleanfinity Filter
- 2x ME80020: Flex basket 2
- 4x ME80110: Holder for impression trays, scissors and clamps
- 1x ME00184: Instrument basket standard

As an option: Adapters for the injector rail, Injector basket Flex 1



Basic configuration for the ophthalmology clinic

MELAtherm® with the new MELAstore® Tray Ophthalmology enables the cleaning and disinfection of up to six cataract sets in only 42 minutes (plus drying):

- 1x ME80440: Basic basket with injector rail and plastic central filter
- 2x ME80136: Universal Flex 3 holder
- 6x ME01189: MELAstore® Tray Ophthalmology

Optional: Further adapters and screw plugs available



Basic configuration for the gynaecological clinic

After automated cleaning, disinfection and drying up to 32 specula are available for patient treatment. The Flex basket 6 provides additional space for further instruments:

- 1x ME00188: Basic basket without injector rail
- 1x ME80255: Flex basket 6
- 2x ME80410: Flex basket specula

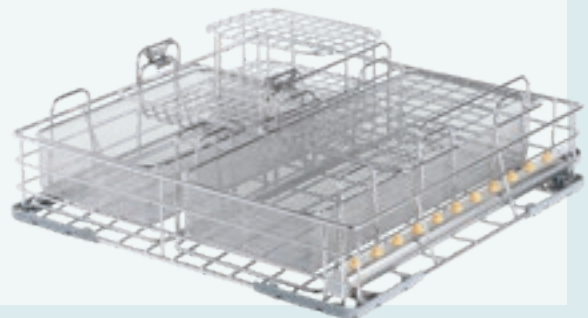


Basic configuration for the ENT clinic

192 ear specula and many other instruments can be cleaned, disinfected and dried in only about 60 minutes:

- 1x ME00200: Basic basket with injector rail (with 11 blind screws)
- 1x ME80020: Flex basket 2
- 1x ME80030: Flex basket 3
- 1x ME00195: Instrument basket compact
- 1x ME80090: Top frame for ear specula Flex 2, mesh size 20 mm
- 1x ME80435: Top frame for nose specula Flex 1 (incl. 2 fixing clamps)

As an option: Adapters for the injector rail



Basic configuration for a medical clinic

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

- 1x ME00200: Basic basket with injector rail (with 11 blind screws)
- 1x ME80255: Flex basket 6
- 2x ME80030: Flex basket 3

As an option: Adapters for the injector rail



MEtherm®

The best process agents for the MELAtherm® 10 Evolution

MEtherm® process agents are optimally-adapted to automated instrument decontamination with the MELAtherm® 10 Evolution. The MEtherm® range consists of the mildly-alkaline cleaning agent MEtherm® 51, the citric acid-based neutralizer MEtherm® 55 and our MEtherm® 61 rinse aid. The MEtherm® process agents have been optimally aligned to achieve the best cleaning and drying results, increased safety, even greater reductions in consumption and thus cost savings.



MEtherm® 51

Now even better: Mildly alkaline cleaner, 5 litres container

MEtherm® 51 with a new formula is an even more powerful mild alkaline detergent for automated instrument reprocessing in MELAtherm®. The especially good cleaning performance is the result of the use of a combination of enzymes and surfactants. MEtherm® 51 is silicate-free, minimizes the development of films on the instruments and the washing chamber and supports their value-retention via optimal material compatibility.



Order no. ME11630

MEtherm® 55 C

Citric acid based neutralizer, 5 litres container

MEtherm® 55 is designed for the automated decontamination of instruments after their alkaline cleaning with MEtherm® 51. MEtherm® 55 prevents the development of deposits on instruments and MELAtherm®, whilst optimizing the cleaning results. MEtherm® 55 is an highly material-friendly neutralizer, especially designed for the automated decontamination of dental handpieces and instruments used in ophthalmic contexts.



Order no. ME11621

MEtherm® 61

Rinse aid, 940 ml bottle

MEtherm® 61 is a liquid pH-neutral rinse aid for automated instrument decontamination in MELAtherm®. MEtherm® 61 supports the stain-free drying of instruments and contributes to the optimization of the drying procedure. The use of MEtherm® 61 works to prevent the formation of film on the instruments and in the washing chamber.



Order no. ME11627

Regenerating salt

Specially granulated and highly purified regenerating salt for the integrated water softening system of the MELAtherm® series.



Order no. ME80000

Basic baskets and injector rails

The basis for an individual load

The basic baskets with injector rail are equipped with injector nozzles, locking screws or 11 blind screws and can be fitted with various hollow body adapters. Depending on the deployment different basic baskets are available (Dimensions (LxWxH): 43 x 42 x 9 cm):

Basic basket with injector rail and Cleanfinity Filter

with 11 stainless steel locking screws and cleaning brush (not suitable for use in an ophthalmological context)

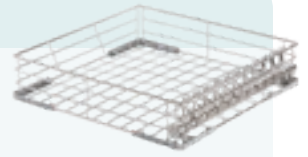
Order no. ME84610



Basic basket with injector rail

with 11 injector nozzles and spring clamps

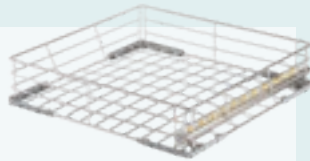
Order no. ME00197



Basic basket with injector rail

with 11 plastic blind screws

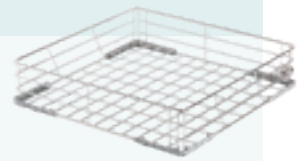
Order no. ME00200



Basic basket without injector rail

If you do not need to decontaminate hollow body instruments

Order no. ME00188



Basic basket with injector rail and single use central filter (2 pcs.)

for ophthalmological practices and clinics

Order no. ME80440

Upgrade kit and accessories for injector rail with central filter

You already have a basic basket with injector rail and want to switch to the safe and affordable decontamination with a central filter? Then take advantage of our upgrade kit and accessories.

Upgrade kit injector rail with Cleanfinity Filter and cleaning brush

to replace the injector rail without central filter (not suitable for use in an ophthalmological context)

Order no. ME84620



Cleanfinity Filter (with cleaning brush)

to replace the single use central filter and the Cleanfinity Filter (not suitable for use in an ophthalmological context)

Order no. ME84630



Cleaning brush for Cleanfinity Filter

already included in the scope of delivery of a Cleanfinity Filter

Order no. ME84640



Single use central filter

to replace the used filter in the injector rail

Order no. ME80490



MELAcontrol® Wash Check

Keep an eye on the cleaning result: With the test system, consisting of a cleaning indicator and holder, you can monitor the cleaning performance of instruments in the basic basket or on the injector rail.

NEW

MELAcontrol® Wash Check

Cleaning indicators, 100 pieces

Order no. ME01072



MELAcontrol® Wash Check

Holder for checking the external cleaning in the basic basket

Order no. ME01073



MELAcontrol® Wash Check

Holder for checking the internal cleaning on the injector rail

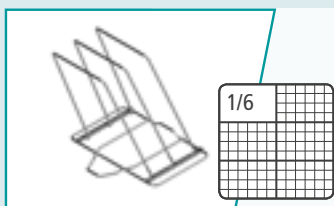
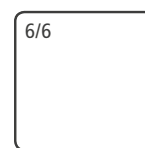
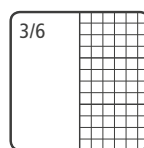
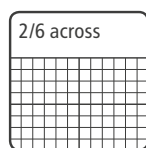
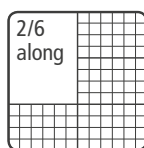
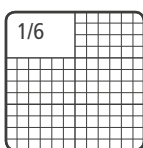
Order no. ME01074



Baskets and adapters

Optimal usage of the basic basket

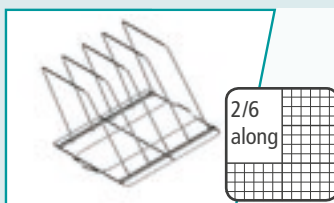
All components are perfectly aligned to enable equipping the basic basket with further baskets or insert racks. Adapt the six segments of the basic basket to your individual requirements:



Universal holder Flex 1

Order no.
ME80134

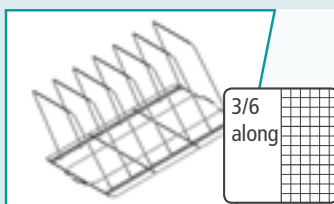
- For flexible loading with freely selectable distances of up to:
4x MELAstore® Tray 50, 2x MELAstore® Tray 100, 1x MELAstore® Tray 200 or
1x Sieve cassette (Order no. ME80185)
- Additional bracket (Order no. ME80133)



Universal holder Flex 2

Order no.
ME80135

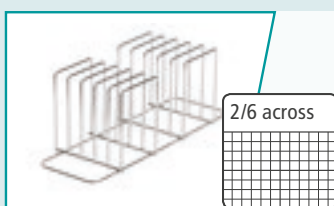
- For flexible loading with freely selectable distances of up to:
8x MELAstore® Tray 50, 4x MELAstore® Tray 100, 3x MELAstore® Tray 200 or
3x Sieve cassette (Order no. ME80185)
- Additional bracket (Order no. ME80133)



Universal holder Flex 3

Order no.
ME80136

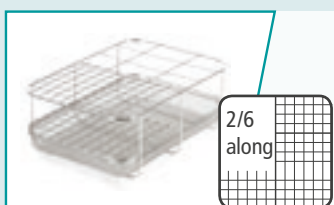
- For flexible loading with freely selectable distances of up to:
12x MELAstore® Tray 50, 6x MELAstore® Tray 100, 5x MELAstore® Tray 200 or
5x Sieve cassette (Order no. ME80185)
- Additional bracket (Order no. ME80133)



Holder for 5 trays / 10 half trays

Order no.
ME80590

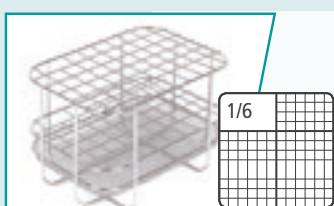
- For the acceptance of up to 5 trays or 10 half trays



Instrument basket G

Order no.
ME00131

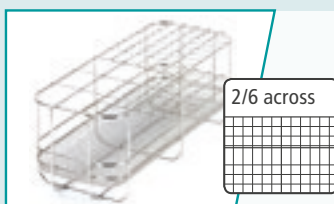
- For vertically standing instruments such as e. g. scissors, tweezers, clamps, probes,
mirrors and dental aspirator tips with diameter of 11 to 16 mm
- Can be combined with the needle tip plate (Order no. ME00186)



Instrument basket compact

Order no.
ME00195

- For vertically standing instruments such as e. g. tweezers, probes, mirrors, nasal
specula and dental aspirator tips with diameter of 11 to 16 mm
- Can be combined with the needle tip plate (Order no. ME00186)



Instrument basket standard

Order no.
ME00184

- For vertically standing instruments such as e. g. tweezers, probes, mirrors,
scissors, clamps and dental aspirator tips with diameter of 11 to 16 mm
- Can be combined with the needle tip plate (Order no. ME00186)



MELAstore® Tray Ophthalmology

- Wash tray for safe and gentle reprocessing of all instruments for cataract surgery (max. 6 sets per cycle in MELAtherm®)
- MELAstore® Tray Ophthalmology is then packed and sterilized in MELAstore® Box 200
- Set incl. adapter and tubes
- Perfect in combination with basic basket with injector rail and plastic central filter (Order no. ME80440) and 2x Universal holder Flex 3 (Order no. ME80136)

Order no.
ME01189

NEW



MELAstore® Tray 33

- Dimensions (WxHxL): 8,4 x 3 x 17,9 cm
- For safe and efficient reprocessing of individual instruments and instrument sets (e. g. prophylaxis sets) in the MELAtherm® 10 series

Order no.
ME01176

NEW



MELAstore® Tray 50

- Dimensions (WxHxL): 12,8 x 3 x 17,9 cm
- For safe and efficient reprocessing of individual instruments and instrument sets (e. g. for prophylaxis or in podiatry) in the MELAtherm® 10 series

Order no.
ME01177



MELAstore® Tray 100

- Dimensions (WxHxL): 17,9 x 3 x 28 cm
- For safe and efficient reprocessing of individual instruments and instrument sets (e. g. for periodontitis treatments, conservative treatments or minor surgical procedures) in the MELAtherm® 10 series

Order no.
ME01178



MELAstore® Tray 200

- MELAstore® Tray 200, dimensions (WxHxL): 17,9 x 4,3 x 28 cm
- For safe and efficient reprocessing of individual instruments and instrument sets (e.g. for oral surgery) in the MELAtherm® 10 series

Order no.
ME01179



Tip protection for instrument basket

- Prevents sharp instruments from penetrating the basket meshing
- Can be deployed in the instrument basket standard (Order no. ME00184), instrument basket G (Order no. ME00131) and instrument basket compact (Order no. ME00195)

Order no.
ME00186



Small-parts basket comfort

- For the safe decontamination of small instruments and small parts
- The small-parts basket comfort can be placed in the flex baskets
- Dimensions (WxHxD): 8,4 x 7,15 x 7 cm

Order no.
ME80001



Bur holder

- For safe holding of rotating instruments (e.g. drills) with shaft diameters of 1.6 mm and 2.35 mm (up to 19 pieces each)
- Only in combination with small-parts basket comfort

Order no.
ME80002



Small-parts basket

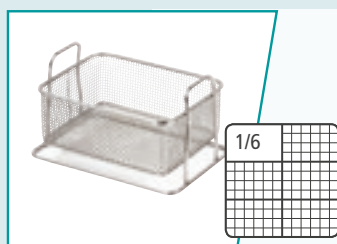
- For the safe reprocessing of the smallest of instruments
- The small parts container can be placed in the flex baskets or instrument baskets
- Dimensions: ø 7.6 cm x length: 18 cm

Order no.
ME00133

Flex baskets

The Flex system brings a number of possibilities

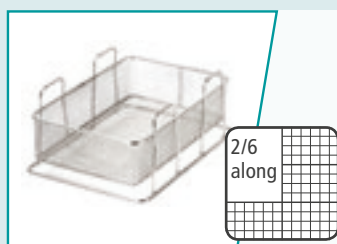
MELAG's in-house development, the exceptionally variable Flex system provides numerous loading combinations, thus enabling optimal utilization of the washing chamber. Using flex basket 6 as a basis, it is possible to stack the various flex baskets 1, 2 and 3, the flex basket specula or the insert rack for impression trays or hinged instruments in two levels. The picture on the right shows the ear speculum attachment flex 2 stacked on flex basket 3 in combination with flex basket 1 and the ear speculum attachment flex 1.



Flex basket 1

- For instruments lying flat e. g. scissors, tweezers, mirrors
- Stackable with flex baskets 1, 2, 3 and 6
- Interior dimensions (WxHxD): 14,5 x 6 x 11 cm

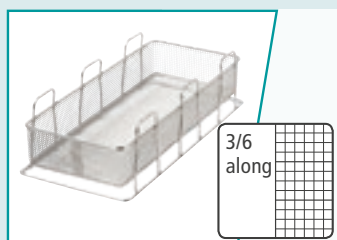
Order no.
ME80010



Flex basket 2

- For instruments lying flat e. g. scissors, tweezers, mirrors, root elevators
- Stackable with flex baskets 1, 2, 3 and 6
- Interior dimensions (WxHxD): 14,5 x 6 x 24 cm

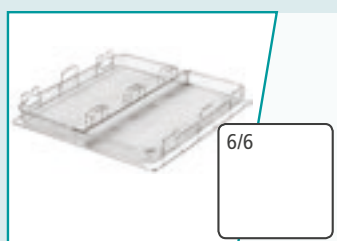
Order no.
ME80020



Flex basket 3

- For instruments lying flat e. g. scissors, tweezers, root elevators
- Stackable with flex baskets 1, 2, 3 and 6
- Interior dimensions (WxHxD): 14,5 x 6 x 37,5 cm

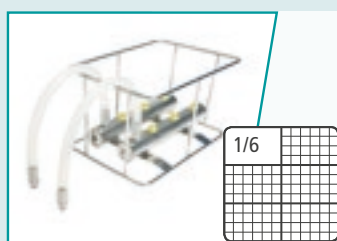
Order no.
ME80030



Flex basket 6

- For long instruments of a length up to 40 cm lying flat e. g. scissors, tweezers, mirrors
- As a basis under the flex baskets 1, 2, 3 and under the flex basket specula
- Interior dimensions (WxHxD): 34 x 3 x 38 cm

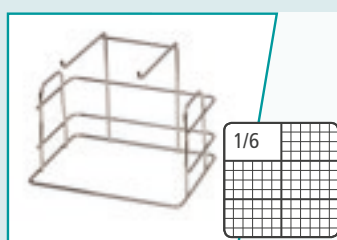
Order no.
ME80255



Injector basket Flex 1

- For up to 6 adapters (MELAtherm® 10: Adapters for tips only, MELAtherm® 10 Evolution: All adapters)
- Requires either the basic basket with injector rail and central filter (Order no. ME84610 or ME80440) or two additional single filter housings (Order no. ME73905) combined with the basic basket with injector rail (Order no. ME00197)
- The scope of delivery includes the required hoses and hose connections

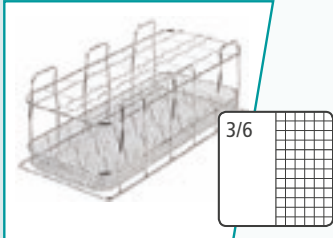
Order no.
ME80740



Holder for impression trays, scissors and clamps

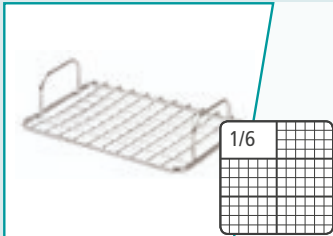
- For up to 8 dental impression trays as well as for scissors and clamps
- The scissors and clamps are supposed to be opened and hung on their ring grips (eyes)
- Stackable with flex baskets 1, 2, 3 and 6

Order no.
ME80110

**Flex basket specula**

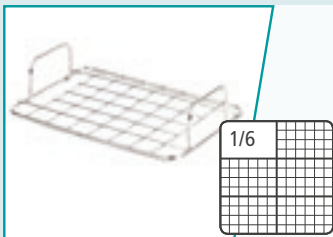
- For gynaecological specula: Holds up to 8 sets Kristell / 16 Cusco / Semm specula
- Stackable on flex basket 6

Order no.
ME80410

**Top frame for ear specula Flex 1, mesh size 14 mm**

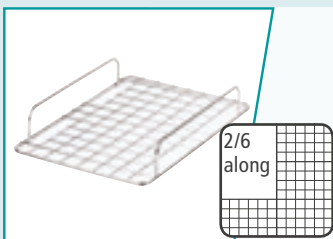
- For up to 50 ear specula
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid
- Flex baskets can be partially filled with these or subject to comprehensive use (e. g. 3 top frames on a flex basket 3)

Order no.
ME80070

**Top frame for ear specula Flex 1, mesh size 20 mm**

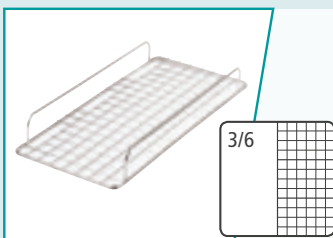
- For up to 24 ear specula
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid
- Flex baskets can be partially filled with these or subject to comprehensive use (e. g. 2 top frames on a flex basket 2)

Order no.
ME80080

**Top frame for ear specula Flex 2, mesh size 20 mm**

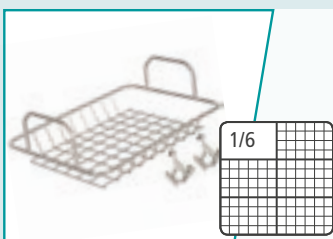
- For up to 60 ear specula
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid
- Flex baskets can be partially filled with these or subject to comprehensive use (e. g. 1 top frame on 2 flex baskets 1)

Order no.
ME80090

**Top frame for ear specula Flex 3, mesh size 20 mm**

- For up to 96 ear specula
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid
- Flex baskets can be partially filled with these or subject to comprehensive use (e. g. 1 top frame on flex basket 3)

Order no.
ME80100

**Top frame for nose specula Flex 1 (incl. 2 fixing clamps)**

- For self-retaining instruments e. g. nasal specula
- Usable with flex baskets 1, 2, and 3

Order no.
ME80435

**Fixing clamp for top frame**

- Already included in the scope of delivery of the top frame for nose specula with the Order no. ME80435
- Also usable for all top frames for ear specula
- For fixing one top frame you need two pieces of the fixing clamp

Order no.
ME80420

**Instrument holder for flex baskets (60 pcs.)**

- For insertion into the mesh of the flex baskets for a save fixing of instruments in a flex basket

Order no.
ME80395



Universal adapter (incl. 3 inserts and filter disc)

- For reprocessing of transfer instruments, scalars of powder jet devices, etc.
- Delivered incl. 3 silicone inserts: Green (ø 16 mm), Blue (ø 20 mm) and White (ø 22 mm)
- Can be screwed into the injector rail of the basic basket
- The filter disc included in the scope of delivery is only required for the injector rail without central filter

Order no.
ME73904



Instrument holder for universal adapter

- For additional fixation of instruments in the universal adapter
- Incl. holding ring and 3 silicone straps

Order no.
ME22968



Triple distributor (incl. ceramic filter disc)

- For up to 3 injector nozzles, Luer / Luer-Lock adapters or hose connectors
- The filter disc included in the scope of delivery is only required for the injector rail without central filter

Order no.
ME73903



Triple distributor (without filter disc)

- For up to three injector nozzles with clamp spring, Luer / Luer-Lock adapters or hose connections
- For the reprocessing of hollow body instruments, this triple distributor is combined with the injector rail with central filter

Order no.
ME22611



Filter disc housing (incl. ceramic filter disc)

- Adapters for hollow instruments can be screwed into the disc housing if the instruments need to be rinsed with filtered water
- Use two single filter housings to connect the injector basket Flex 1 (Order no. ME80740) to an injector rail without central filter
- The filter disc included in the scope of delivery is only required for the injector rail without central filter

Order no.
ME73905



Distance sleeve

- For the maximum use of the injector rail with universal adapters, triple distributors, double distributors and filter disc housings
- When using more than 6 universal adapters, distributors or filter disc housings, a distance sleeve is required for each further adapter on the injector rail

Order no.
ME55120



Ceramic filter disc (10 pcs.)

- For use with the universal adapter, the triple distributor or with the filter disc housing
- Can be used in MELAtherm® for max. 20 cycles

Order no.
ME64375



Metal filter disc

- For use with the universal adapter, the triple distributor or with the filter disc housing
- After 20 cycles in MELAtherm®, the filter disc must be cleaned in a ultrasound bath
- The filter disc can be cleaned up to 20 times in the ultrasound bath
- The metal filter disc is not approved for ophthalmology

Order no.
ME80350



Rinse sleeve incl. extension

- For hollow instruments with an exterior diameter from 2 to 11 mm and a non-standardized connection
- If the rinse sleeve is screwed into the injector rail, it is possible to reprocess instruments of a length of up to 22 cm
- The rinse sleeve extension and 5 silicon inserts with different diameters are included in the scope of delivery

Order no.
ME80260

**Adapter for ISO connector (INTRA)**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector rail (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80610

**Adapter for Sirona T1 Classic**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector rail (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80620

**Adapter for KaVo / BienAir contra angle heads**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector rail (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80630

**Adapter for turbines with W&H connector (Roto Quick)**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80640

**Adapter for turbines with Sirona connector**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector rail (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80650

**Adapter for turbines with KaVo connector (MULTiflex)**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80660

**Adapter for turbines NSK connector (Phatelus)**

- Can be used in conjunction with the basic basket with injector rail and the central filter (Order no. ME80440 or ME84610) or with the basic basket with injector (Order no. ME00197) and additional single filter housing (Order no. ME73905)

Order no.
ME80612

**Adapter for external spray channels**

- For reprocessing of e. g. surgical turbines with exterior spray channels
- The universal adapter or an additional adapter for handpieces are required for interior cleaning and disinfection
- The adapter is screwed directly into the injector rail with central filter (Order no. ME84610 or ME80440) or into the filter disc housing (Order no. ME73905)

Order no.
ME74135

**Injector nozzle**

- For hollow instruments e. g. surgical suction cannulas
- Can be screwed into the injector rail, the double distributor or into the triple distributor
- Outer diameter: 4 mm
- Additional clamp spring (Order no. ME00196)

Order no.
ME73860

The safest decontamination of dental ultrasonic scaler tips

Standard-compliant decontamination of hollow body instruments is becoming increasingly important. Injector basket flex 1 is the safest solution for the automatic decontamination of ultrasonic scaler tips. The basket enables acceptance of 6 tips with torque wrench and requires just two connections on the injector rail. Use three injector baskets flex 1 to decontaminate up to 18 tips per cycle.



Ultrasonic scaler tip



Torque wrench



Injector basket Flex 1



Safest decontamination



Adapter for tips M3.0 x 0.5 mm, external thread

Order no.
ME80750

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **KaVo** SONOsoft, Piezo LUX; **EMS** Piezon / Piezon LED; **W&H** Piezo Scaler; Tigon, Tigon+, Pylon 2 surgery, Piezomed; **Komet** PiezoLine EM1, KA1, KA2; **NSK** Varios EMS; Mectron Multipiezo



Adapter for tips M3.0 x 0.35 mm, external thread

Order no.
ME80752

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **KaVo** PiezoLED, PiezoSoft



Adapter for tips M3.0 x 0.6 mm, external thread

Order no.
ME80756

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **Acteon** (Satelec) Newtron, Suprasson; **Ultradent** Newtron; **Hu-Friedy** Piezo S-Serie; **NSK** Varios



Adapter for tips M3.5 x 0.35 mm, internal thread

Order no.
ME80755

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **Planmeca** LM-ProPower



Adapter for tips M3.5 x 0.6 mm, internal thread

Order no.
ME80760

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **Sirona** SIROSON, SIROSONIC, PerioSonic; **Komet** PiezoLine SI1; **Dürr** Vector Scaler; **Morita** Softy / Softy LED



Adapter for tips M3.6 x PH1.5 P0.5, internal thread

Order no.
ME80751

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **KaVo** SONICflex quick 2008

**Adapter for tips M3.0 x 0.5 mm, internal thread**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e. g. for **KaVo** SONICflex 2000, 2003; **Sirona** SIROAIR L; **W&H** Luftscaler, Proxeo, Synea, Alegra; **Komet** SonicLine SF1LM; **NSK** Luftscaler Ti-Max S970, AS2000; **EMS** Piezon (LED) handpiece

Order no.
ME80790

**Adapter for ultrasonic scaler handpieces M3.0 x 0.35 mm, internal thread**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e.g. for KaVo PiezoLED Ultrasonic Scaler, PIEZOsoft Ultrasonic Scaler

Order no.
ME80753

**Adapter for ultrasonic scaler handpieces M3.0 x 0.6 mm, internal thread**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e.g. for Acteon (Satelec) Newtron, Suprasson, NSK Varios

Order no.
ME80757

**Adapter for ultrasonic scaler handpieces M3,5 x 0,6 mm, external thread**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e.g. for Sirona Siroson, Sirosonic, PerioSonic

Order no.
ME80771

**Adapter for EMS AIR-FLOW Prophylaxis Master**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e.g. for EMS EL-308 (Prophylaxis Master)

Order no.
ME80614

NEW**Adapter for EMS AIR-FLOW Handy 3.0**

- Can be used in conjunction with the basic basket with injector rail and filter (Order no. ME84610 or ME80440), the basic basket with injector rail (Order no. ME00197) and additional filter disc housing (Order no. ME73905) or with the injector basket Flex 1 (Order no. ME80740)
- e.g. for EMS EL-540 (Handy 3), EL-542 (Handy 3.0 PERIO), EL-545 (Handy 3.0 PLUS)

Order no.
ME80613

NEW**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
- The set consists of 6 green, 6 blue and 6 yellow marking discs

Order no.
ME80769

**Screw plug for injector rail and distributors**

- To seal non-required apertures in the injector rail, in the double distributor or in the triple distributor

Order no.
ME80140



Adapter (male) for Luer

- For the reprocessing of instruments / hollow needles with Luer connection (female)
- Can be screwed into the injector rail, the triple distributor, double distributor or disc filter housing

Order no.
ME73880



Adapter (male) for Luer-Lock

- For the reprocessing of instruments / hollow needles with Luer-Lock connection (female)
- Can be screwed into the injector rail, the triple distributor, double distributor or disc filter housing

Order no.
ME74130



Seal (female) for Luer / Luer-Lock

- For sealing Luer (Order no. ME73880) or Luer-Lock adapters (Order no. ME74130)

Order no.
ME80180



Adapter (female) for Luer / Luer-Lock

- For the reprocessing of instruments / hollow needles with Luer (male) or a Luer-Lock connection (male)
- Can be screwed into the injector rail, the triple distributor, double distributor or disc filter housing

Order no.
ME67250



Seal (male) for Luer-Lock

- For sealing Luer-Lock adapters (Order no. ME67250)

Order no.
ME80170



Hose connection with external thread

- For hoses with a 6 mm interior diameter e. g. silicon hose (Order no. ME80190)
- Can be screwed into the injector rail, into the double distributor, into the triple distributor and into the disc filter housing

Order no.
ME80150



Hose connection with internal thread

- For hoses with a 6 mm interior diameter e. g. silicon hose (Order no. ME80190)
- Can be combined with the adapters for Luer / Luer-Lock, the triple distributor or double distributor

Order no.
ME80160



Hose extension with connections

- For connecting washing systems or transferring the adaptation of instruments to a flex basket
- Hose length 0.5 m with one hose connection each with internal or external thread
- Can be combined with the adapters for Luer / Luer-Lock, the triple distributor or double distributor

Order no.
ME80195



Silicon hose, 10/6 mm

- Highly flexible, kink-free silicon hose for connecting instruments
- Instruments can also be pressed into the hose
- Hose length 2 m

Order no.
ME80190



Our video tutorials for MELAtherm®:



Preparation of instruments:

Find out more about optimizing the quality of results and preserving the value of instruments by properly preparing them for automated cleaning and disinfection.

Scan the QR code and watch the tutorial.



Operation of the MELAtherm®:

Get to know the intuitive operating concept for safe use and program selection on the MELAtherm® washer-disinfector.

Scan the QR code and watch the tutorial.



Routine checks:

Maintain the value of the MELAtherm® with routine checks in everyday working life.

Scan the QR code and watch the tutorial.



Exchange of the process agents:

MELAtherm® ensures optimum reprocessing results. Learn how to replace the process agents when required.

Scan the QR code and watch the tutorial.





Care Oil Spray

Fully synthetic care oil for transmission and joint instruments

Smooth running: Because correct care saves time, money and trouble. The high-quality Care Oil Spray enables manual intensive care of your valuable instruments with the following advantages:

- ✓ **Protection and value retention through excellent lubrication of instruments from all manufacturers:**
Fully synthetic special oil of the highest purity for optimum care results
- ✓ **Economical in consumption:**
One can is sufficient for up to 200 care cycles
- ✓ **Loves your instruments and the environment:**
Sustainable adapters for durable use and CFC-free propellant
- ✓ **Individually configurable:** Versatile adapters for high and low-speed contra-angle handpieces, turbines, air motors, chuck systems and joint instruments

Care Oil Spray 300 ml

Order no. ME22935



Care Oil Spray 6x 300 ml

Order no. ME22936



Adapter for ISO coupling

Order no. ME22931



Adapter for turbines Sirona connector

Order no. ME22932



Adapter for turbines MULTIflex connector

Order no. ME22933



Adapter for chuck care

Order no. ME22934



The MELAcontrol® test system

Control is good, hygiene is better.

Safety First - MELAcontrol® enables fast, safe and cost-effective routine testing of the washer-disinfectors, sealing devices and autoclaves. Discover our perfectly aligned test items and procedures for the entire instrument reprocessing workflow.

Routine check for washer-disinfectors

Keeping an eye on cleaning results: Our Wash Check allows you to monitor the cleaning performance of instruments in the baskets or on the injector rail according to DIN EN ISO 15883-5.

MELAcontrol® Wash Check
Cleaning indicators, 100 pieces

Order no. ME01072



NEW

MELAcontrol® Wash Check
Holder for checking the external cleaning in the basic basket

Order no. ME01073



NEW

MELAcontrol® Wash Check
Bracket for checking the internal cleaning on the injector rail

Order no. ME01074



NEW

Routine check for sealing devices

The MELAG test procedures allow you to precisely verify the quality and reproducibility of the seal seams on a daily, weekly and annual basis.

MELAcontrol® Seal Check
Tear-off block with 100 test strips

Order no. ME01079



MELAcontrol® Ink Test
Ink test with 30 bags

Order no. ME01089



Test for Seal Seam Stability for annual testing of the sealing device

Order no. SV09018

Routine check for autoclaves

Whether textiles, rigid instruments or hollow bodies - with our Bowie & Dick test, type 5 indicator or helix test you can reliably check the sterilization result of the autoclave.

MELAcontrol® Helix consisting of test body and 250 indicator strips

Order no. ME01080



MELAcontrol® Pro* Permanent test body incl. 40 indicator strips

Order no. ME01075

MELAcontrol® Pro refill pack with 250 indicator strips and a seal

Order no. ME01076



MELAcontrol® Type 5
consisting of 250 indicator strips

Order no. ME01077



NEW

MELAcontrol® Bowie & Dick Test
consisting of 1 test pack

Order no. ME01078



NEW

MELAseal®

The MELAG sealing devices

Benefit from our wide range of products and choose between MELAseal® 200 and MELAseal® 100+ bar sealing devices and the MELAseal® 300 rotary sealer for large volumes of wrapped instruments.

MELAseal® 300 (incl. USB stick) Compact and validatable rotary sealing device

Device dimensions (WxHxD): 36 x 16 x 17.5 cm

- ✓ Short heat-up times of 100 seconds and a high throughput speed of up to 15 m/min
- ✓ Magically simple operating concept with the large Smart-Touch Display
- ✓ Reminder function for seal check and seal seam stability test
- ✓ Digital set-up assistant for cost-effective commissioning by the practice team
- ✓ Power Save for maximum energy efficiency
- ✓ Documentation of sealing protocols via 2x USB and 1x network interfaces

Order no. ME10300

NEW



MELAseal® 200 (incl. USB stick) Validatable bar sealing device

Device dimensions (WxHxD): 41,5 x 15 x 24 cm

- ✓ Two integrated USB interfaces for logging and computer connection (incl. 8 GB MELAG USB stick)
- ✓ Intuitive MELAG 4-key concept with LED status display for easy operation
- ✓ Space-saving due to the compact product design with integrated cutting blade
- ✓ Energy-saving and standby function for even more economical use

Order no. ME10120



MELAseal® 100+ Compact bar sealing device

Device dimensions (WxHxD): 41,5 x 15 x 24 cm

- ✓ Short pre-heating and sealing times guarantee fast wrapping processes
- ✓ Compact device dimensions require little space on the worktop
- ✓ Acoustic and optical signals for monitoring of the sealing time and temperature
- ✓ Maintenance-free saves costs in daily operation

Order no. ME10211





Reel dispensers

Accessories matched to MELAseal® 300 for an even more efficient packaging process.

Work table Standard

Dimensions (WxHxD): 60 x 3.5 x 21.2 cm

Order no. ME77750



Work table Comfort

Dimensions (WxHxD): 60 x 3.6 x 21.7 cm

Order no. ME00141



Reel dispenser (wall-mounted)

Dimensions (WxHxD): 52,5 x 26,5 x 25 cm

Order no. ME00116



Foot for the reel dispenser

for mounting on the worktop

Order no. ME71490

For MELAseal® 200 / 100+ enables effortless feeding of the transparent sterilization packaging.

Reel dispenser Deluxe

with a feed mechanism sets new standards of ergonomics and operation.

Dimensions incl. sealing device (WxHxD): 41,5 x 43 x 33 cm

Order no. ME10108



Reel dispenser Comfort

stores the reels in a space-saving fashion above MELAseal®.

Dimensions incl. sealing device (WxHxD): 41,5 x 42 x 28 cm

Order no. ME10111



Reel dispenser Standard

accepts the reels behind MELAseal®.

Dimensions incl. sealing device (WxHxD): 41,5 x 15 x 46 cm

Order no. ME10117



Wall-mounted reel dispenser

can be deployed flexible over the sealing device.

Dimensions (WxHxD): 35 x 17 x 17 cm

Order no. ME00106



MELAfol®



Transparent sterilization packaging in accordance with EN 868-5, available as a reel or pouch. With a reprocessing indicator, which changes colour from pink to brown after sterilization.

Reels (Width x Length)

MELAfol® 502 (5 cm x 200 m)

MELAfol® 752 (7,5 cm x 200 m)

MELAfol® 1002 (10 cm x 200 m)

MELAfol® 1502 (15 cm x 200 m)

MELAfol® 2002 (20 cm x 200 m)

MELAfol® 2502 (25 cm x 200 m)

Order no.

ME00502

ME00752

ME01002

ME01502

ME02002

ME02502

Pouches (Width x Length)

MELAfol® 501 (5 x 25 cm), 1.000 Pieces

MELAfol® 751 (7,5 x 25 cm), 1.000 Pieces

MELAfol® 1001 (10 x 25 cm), 1.000 Pieces

Order no.

ME00501

ME00751

ME01001

Pouches with fold (Width x Length)

MELAfol® 2051 (20 x 50 cm), 100 Pieces

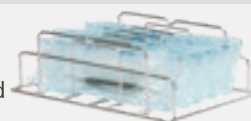
for sealing of standard-tray-cassettes

Order no.

ME02051

Foil holder

for vertical sterilization of instruments sealed in MELAfol® for even better drying results.



For autoclaves 118 (S) / 318 / 40 B+ / 41 B+

For autoclaves 123 (S) / 323 / 43 B+ / 44 B+

Order no.

ME22410

ME22420

Routine checks

The MELAG test procedures perform quick and affordable inspections of your sealing device, thereby ensuring legal compliance. Our aligned solutions work precisely to prove the quality and reproducibility of your seal seams.

MELAcontrol® Seal Check, 100 test strips

Order no. ME01079



MELAcontrol® Ink Test, 1 reel á 30 bags

Order no. ME01089



Test for Seal Seam Stability, according to EN 868-5, appendix D, for the annual inspection of the sealing process with MELAG sealing devices

Order no. SV09018

MELAstore® System

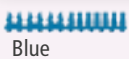
Fast, affordable and sustainable workflows

Instrument decontamination with an integrated system consisting of MELAstore® Tray and MELAstore® Box saves much time and money. The MELAstore® system ensures an optimal instrument workflow from treatment over decontamination to storage.

MELAstore® Trays

The optimized MELAG wash trays made of high-quality stainless steel offer even more effective cleaning in the MELAtherm® thanks to generous openings. New, color-coordinated silicone bars ensure maximum safety, holding the instruments securely in place and protecting the practice team.

NEW: Select your favorite silicone bar color at no additional cost with your order!



Blue



Yellow



Red



Purple



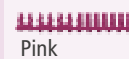
Green



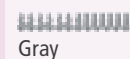
White



Black



Pink



Gray



Orange

MELAstore® Tray 33

incl. two silicone bars in the color of your choice for instruments with a length of max. 17.5 cm
Dimensions (WxHxD): 8.4 x 3 x 17.9 cm

Order no. ME01176



NEW

MELAstore® Tray 50

incl. two silicone bars in the color of your choice for instruments with a length of max. 17.5 cm
Dimensions (WxHxD): 12.8 x 3 x 17.9 cm

Order no. ME01177



MELAstore® Tray 100

incl. four silicone bars in the color of your choice for instruments with a length of max. 27 cm.
Dimensions (WxHxD): 17.9 x 3 x 28 cm

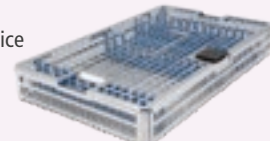
Order no. ME01178



MELAstore® Tray 200

incl. four silicone bars in the color of your choice for instruments with a length of max. 27 cm.
Dimensions (WxHxD): 17.9 x 4.3 x 28 cm

Order no. ME01179



MELAstore® Tray Ophthalmology

Wash tray for safe and gentle reprocessing of all instruments for cataract surgery (max. 6 sets per cycle in the MELAtherm®)

MELAstore® Tray Ophthalmology

Wash tray system incl. adapter and hoses, further information on p. 31

Order no. ME01189



NEW

Silicone bars

The new silicone bars, available in ten vibrant colors, make workflow organization significantly easier. Additional silicone bars can be ordered as needed for even greater flexibility.

Silicone bar for

MELAstore® Tray 33 / 50 / 100 / Ophthalmology (2 pcs.)



Order no.	Order no.
Blue ME82990	White ME82935
Yellow ME82931	Black ME82936
Red ME82932	Pink ME82937
Purple ME82933	gray ME82938
Green ME82934	Orange ME82939

Silicone bar for

MELAstore® Tray 200 (2 pcs.)



Order no.	Order no.
Blue ME82991	White ME82945
Yellow ME82941	Black ME82946
Red ME82942	Pink ME82947
Purple ME82943	gray ME82948
Green ME82944	Orange ME82949



The silicone bars mentioned above are not compatible with the earlier MELAstore® Tray variants (with article numbers ME01180, ME01181, ME01182). Suitable silicone bars for these MELAstore® Trays are still available separately as spare parts.

MELAstore® Transport Box

for storing up to 5x MELAstore® Trays 100 or 4x MELAstore® Trays 200, dimensions (WxHxD): 29 x 18.6 x 39.5 cm

Order no. ME01100



MELAstore® Box and Sterilization paper

The MELAstore® Trays are inserted in the corresponding MELAstore® Box to perform sterilization. The lid of the box is perforated and equipped with a holder for a filter. The filters are available as disposable paper filters or permanent filters and have to be ordered separately. MELAG provides additional identification plates with or without a bar code to mark the MELAstore® Box.

MELAstore® Box 100



for the acceptance of one MELAstore® Tray 100 or of 2 MELAstore® Tray 50
Dimensions (WxHxL): 19 x 4,6 x 31,2 cm

Order no. ME01191

MELAstore® Box 200



for the acceptance of one MELAstore® Tray 200
Dimensions (WxHxL): 19 x 6,5 x 31,2 cm

Order no. ME01192

MELAstore® Sterilization paper, 50 x 50 cm (500 pieces) Order no. ME11180
MELAstore® Sterilization paper, 90 x 90 cm (250 pieces) Order no. ME11181

NEW

MELAstore® Sterilization tape, 19 mm x 50 m Order no. ME11182

MELAstore® permanent filters

MELAstore® Filters are designed for use in the MELAstore® Box 100 and MELAstore® Box 200. The permanent filter for up to 1,000 sterilization cycles provides even more economical processes in comparison to the disposable paper filters.

MELAstore® permanent filter



Packaging unit: 2 pieces each (for up to 1,000 cycles)

Order no.
ME01193

MELAstore® disposable paper filter



Packaging unit: 100 pieces each (for single use)

Order no.
ME01194

MELAstore® disposable seal

For safe sealing of the MELAstore® Boxes and sterilization containers. The disposable seals are available with or without a process indicator.

MELAstore® disposable seal without indicator



Packaging unit: 100 pieces each

Order no.
ME01198

MELAstore® disposable seal with indicator



Packaging unit: 100 pieces each

Order no.
ME01199

MELAstore® identification plates

Identification plates can be added to the MELAstore® Trays and MELAstore® Boxes to ensure the best-possible documentation and traceability.

MELAstore® holder for identification plate



MELAstore® identification plate for printing of up to 15 characters and additional bar code

Order no.
ME01197
ME01195

MELAstore® identification plate tall for use with MELAstore® Box 100 and MELAstore® Box 200 (Packaging unit: 10 pieces)



Order no.
ME01196

Sterilization containers with paper filters

The sterilization containers are perforated in the base and lid and equipped with disposable paper filters (100 pcs. included).

Type	Dimensions (WxHxD, cm)		Order no.
	Outside	Inside	
15K	12 x 4,5 x 18	11,4 x 2,4 x 15,8	ME01151
15M	12 x 4,5 x 35	11,4 x 2,4 x 30,8	ME01152
15G	12 x 8,0 x 35	11,4 x 5,1 x 30,8	ME01153
17K	14 x 5,0 x 20	13,5 x 2,7 x 17,8	ME01171
17M	14 x 5,0 x 41	13,5 x 2,7 x 36,8	ME01172
17G	14 x 9,0 x 41	13,5 x 6,2 x 36,8	ME01173
23M	16 x 6,0 x 42	15,5 x 3,8 x 37,8	ME01231
23G	16 x 12,0 x 42	15,5 x 9,8 x 37,8	ME01232
28M	16 x 6,0 x 32	15,5 x 3,8 x 27,8	ME01284
28G	16 x 12,0 x 32	15,5 x 9,8 x 27,8	ME01285

Type K
Type M
Type G



Single-use paper filters (Packaging unit of 100 pieces each)		Order no.
For sterilization container 15K		ME27325
For sterilization container 15M / 15G		ME27335
For sterilization container 17 K		ME27345
For sterilization container 17M / 17G		ME27355
For sterilization container 23M / 23G		ME26515
For sterilization container 28M / 28G		ME27365

MELAtrace®

Software for documentation and approval

MELAtrace® and MELAtrace® Pro combine the decontamination steps of cleaning and disinfection with sterilization in an intuitive manner. With just a few clicks the batches are released and the relevant program logs are archived in a tamper-proof preprocessing log in the MELAG Cloud or on your server.

And the best: You can download the new MELAtrace® with reminder function for your routine checks from our website and test it free of charge for 3 months.

NEW: Now 3 month trial for free



MELAtrace®

Software for documentation, approval and traceability

- Time credit 12 months
- Time credit 36 months
- Time credit 60 months

- Order no. ME21140
- Order no. ME21141
- Order no. ME21142



MELAtrace® Pro

Software for load management, documentation, approval and traceability

- Time credit 12 months
- Time credit 36 months
- Time credit 60 months

- Order no. ME21143
- Order no. ME21144
- Order no. ME21145



Accessories for connecting MELAG devices to computers

- Network cable length 2,5 m
- Network cable length 5 m
- Network cable length 10 m
- Fast ethernet switch (5 ports, 10/100 Mbit)
- Null modem cable 5 m, 9-pin, SUB-D

- Order no. ME15817
- Order no. ME15814
- Order no. ME15815
- Order no. ME76600
- Order no. ME15810

- Serial interface cable for DAC Universal
- USB serial adapter to connect a MELAG autoclave with serial interface or MELAseal® Pro to an USB-interface to the computer
- USB cable to connect MELAseal® 200 to a computer, length: 1.8 m

- Order no. ME15821
- Order no. ME80270
- Order no. ME19902

MELAprint® 80 and MELAprint® 60

MELAprint® 80 prints barcode labels in conjunction with MELAtrace® and MELAtrace® Pro or directly with Careclave®, Vacuclave® 550 and the Prime Line autoclaves. In addition, MELAprint® 80 can also be used as a log file printer for the new Pro and Prime Line as well as for older generations of devices (e.g. Pro Class, Euroklav®, MELAquick® 12+ and MELAtronic® 15 EN+).

MELAprint® 60 is a barcode label printer for optimum labelling and traceability of instruments with the Premium class Evolution and Cliniclave® 45 series autoclaves.

- MELAprint® 80 Log file and barcode label printer
incl. network cable (1,5 m), USB cable (1,5 m) and one reel labels
- MELAprint® 60 bar code label printer
incl. network cable (1,5 m), USB cable (1,5 m) and one reel labels
- MELAprint® 60 / 80 Labels
6 reels of 1,000 labels each, twice sticking (for the manual documentation)
- MELAprint® 60 / 80 Labels
6 reels of 1,000 labels each, once sticking (for the automatic documentation)
- MELAprint® 80 printer paper
for log file printout, 2 rolls of 50 m each

- Order no. ME01108
- Order no. ME01160
- Order no. ME41942
- Order no. ME41943
- Order no. ME41946

MELAprint® 80



MELAprint® 60





Bar code hand scanner

This compact scanner reads in the bar codes of load elements and automatically assigns them in MELAtrace® Pro. MELAprint® 60 bar codes can also be scanned and connected to the digital patient records.

Bar code hand scanner incl. holder

Order no.
ME01110

Bar code hand
scanner



MELAflash®, MELAnet® Box, USB flash drive

Logs from the Pro-Class, Euroklav®, MELAtronic® 15 EN+ and MELAquick® 12+ autoclaves can be saved using the MELAflash® CF card printer or a network connection via the MELAnet® Box.

MELAflash® CF card printer incl. MELAflash® CF card and card reader

MELAflash® CF card

MELAflash® card reader

MELAnet® Box incl. mains supply, network cable 2 m, RS232-cable

USB stick for Careclave®, Vacuclave® 550, Pro and Prime Line and MELAseal® 200

Order no.
ME01039
ME01043
ME01048
ME40296
ME19901



CF card printer



MELAnet® Box



Card reader



MELAG USB stick

MELAprint® 44

MELAprint® 44 prints the logs in paper form. The log printer can be connected to Pro-Class, Euroklav®, MELAtronic® 15 EN+ and MELAquick® 12+ autoclaves and MELAseal® Pro. An additional network adapter permits integration of the log printer in the clinic network.



MELAprint® 44 log printer incl. power supply unit, serial data cable, ink ribbon and 1 paper reel

Printer paper 5 rolls for the MELAprint® 40, 42, 44

Order no.
ME01144
ME35226



Network adapter is required when MELAprint® 44 is connected to an autoclave of the Premium-Class, Cliniclave® series or to MELAtherm® (incl. network cable, 1.5m)

Order no.
ME40295

MELAdoc®

MELAdoc® prints labels for wrapped instruments to provide information about the sterilization date, expiry date, batch number and the person issuing approval. The documentation facilitates the approval procedure in paper form.

MELAdoc® Labeller incl. ink pad and 1 reel of 750 labels

Labeller labels 6000 pieces incl. ink roller (for ME01086)

MELAdoc® labels 6 rolls of 750 labels incl. ink roller (for ME01095)

MELAdoc® Documentation sheets for sterilization (10 pads of 100 sheets each)

MELAdoc® Documentation sheets for cleaning and disinfection (10 pads of 100 sheets each)

MELAdoc® Pen for manual marking of wrapped instruments

Order no.
ME01086
ME01088
ME01097
ME01091
ME01093
ME22927



MELAdoc®

MELAdem®

Water-treatment for MELAG system solutions

MELAdem® water-treatment units supply high-quality demineralized water to ensure the best-possible value-retention of MELAG devices and protection of your instruments.

MELAdem® 40

We recommend the ion exchanger for Premium- and Pro-Class, Pro and Prime Line, MELAquick® 12+ and Euroklav® autoclaves with up to three sterilization cycles per day.

MELAdem® 40 incl. 2 mixed-bed cartridges

Water branch to connect MELAdem® 40 to a MELAG autoclave with tap-water connection

Mixed bed resin (2 filled cartridges)

Order no.

ME01049

ME37241

ME61026



MELAdem® 40

MELAJet®

A spray pistol for MELAdem® 40 and MELAdem® 53 for the rinsing and flushing of the instruments with demineralized water.

MELAJet® Spray pistol

incl. holder, 1.5 m hose and connecting parts for MELAG autoclaves

Order no.

ME27300



MELAJet®

Connection sets for MELAG stand-alone devices

The sets contain the connections and hoses for the supply of a MELAG stand-alone device with demineralized water from a water-treatment unit and the water outlet to a siphon.

For Premium-Class Evolution
to MELAdem® 40 and 47
Order no. ME09040

For Pro and Prime Line
to MELAdem® 40 and 47
Order no. ME09034

Hoses and accessories for the water connection

Filling pump for Vacuclave® 550
for supply from an external water tank

Order no.
ME65010

External waste water tank
for Vacuclave® 550

ME65020

Tap-water supply hose EN 1717
with pipe elbow and seals, 5 m

ME24931

Tap water supply hose for MELAdem® 47
with seals, 5 m

ME37221

Hose extension for tap-water supply hose
with seals, 3 m

ME24933

Water tap with safety combination

ME37310

Water tap connected to an existing angle type

ME58130

Water tap reduction from 3/4" to hose 6 mm

ME09037

Y-piece to connect 2 consumers to a water connection (e. g. an autoclave and MELAtherm®)

Order no.
ME37315

Waste water hose for autoclaves
with seals, 2 m

ME36585

Waste water hose for autoclaves
with seals, 5 m

ME36586

Waste water hose for MELAtherm®
with seals, 4 m

ME76410

Surface-mounted siphon

ME37410

Double chamber siphon, DN40

ME26635

Siphon for Cliniclave® 45

ME72420

Double support sleeve to connect two effluent hoses to a siphon connection

ME37400

MELAdem[®] 53 and MELAdem[®] 53 C

The two ion exchangers for MELAtherm[®], Vacuclave[®] 550 and Careclave[®] guarantee the highest possible level of protection and care for your instruments. As a result, you can avoid stains and alterations to the surface when using demineralized tap water. MELAdem[®] 53 / 53 C consist of two cartridges filled with high-quality regeneratable resin, of which one is always connected in the decontamination room. The high-performance of the system permits the connection of further devices.

MELAdem[®] 53 Ion exchanger

Height: 57 cm x ø 24 cm, 2 containers 20 litres each

Order no. ME01038

Regeneration MELAdem[®] 53 (20 litres each per container)

Order no. LA09020



MELAdem[®] 53 C Ion exchanger

Height: 45 cm x ø 24 cm, 2 containers 15 litres each

Order no. ME01036

Regeneration MELAdem[®] 53 C (15 litres each per container)

Order no. LA09021



Water distributor for MELAdem[®] 53 / MELAdem[®] 53 C

The water distributor for connecting several devices to MELAdem[®] 53 / MELAdem[®] 53 C: The new water distributor offers a total of 6 connections, 4x for 6/4 mm hoses (e.g. for autoclaves) and 2x 3/4" connections (e.g. for washer-disinfectors).

Water distributor with a total of up to 6 connections

Order no.

ME69005



Water distributor

MELAdem[®] 47

The high-performance reverse osmosis system is recommended for Premium Class, Pro and Prime Line, MELAquick[®] 12+ and Euroklav[®] autoclaves with increased sterilization requirements. Please check the additional use of the pressure increase pump when connecting the Careclave[®] or Vacuclave[®] 550 to the MELAdem[®] 47.

MELAdem[®] 47 incl. storage tank, water tap

Pre-filter (fine filter) for MELAdem[®] 47 / 55 / 56 / 56 M

Activated-carbon filter for MELAdem[®] 47 / 55 / 56 / 56 M

Mixed bed resin for MELAdem[®] 47 / 55 / 56 / 56 M

Order no.

ME01047

ME37450

ME37460

ME37470



MELAdem[®] 47

Pressure increase pump

The pressure increase pump for MELAdem[®] 47 is necessary for the connection of a Careclave[®] or Vacuclave[®] 550 and possibly another autoclave if the static water pressure is below 3 bar.

Pressure increase pump for MELAdem[®] 47

Order no.

ME22500

Pressure increase pump



Water stop valve

When connecting a water-treatment unit or an autoclave to the water supply, we recommend the installation of a water stop valve to effect automatic interruption of the water supply in the case of malfunction.

Water stop valve

Additional sensor for water stop valve

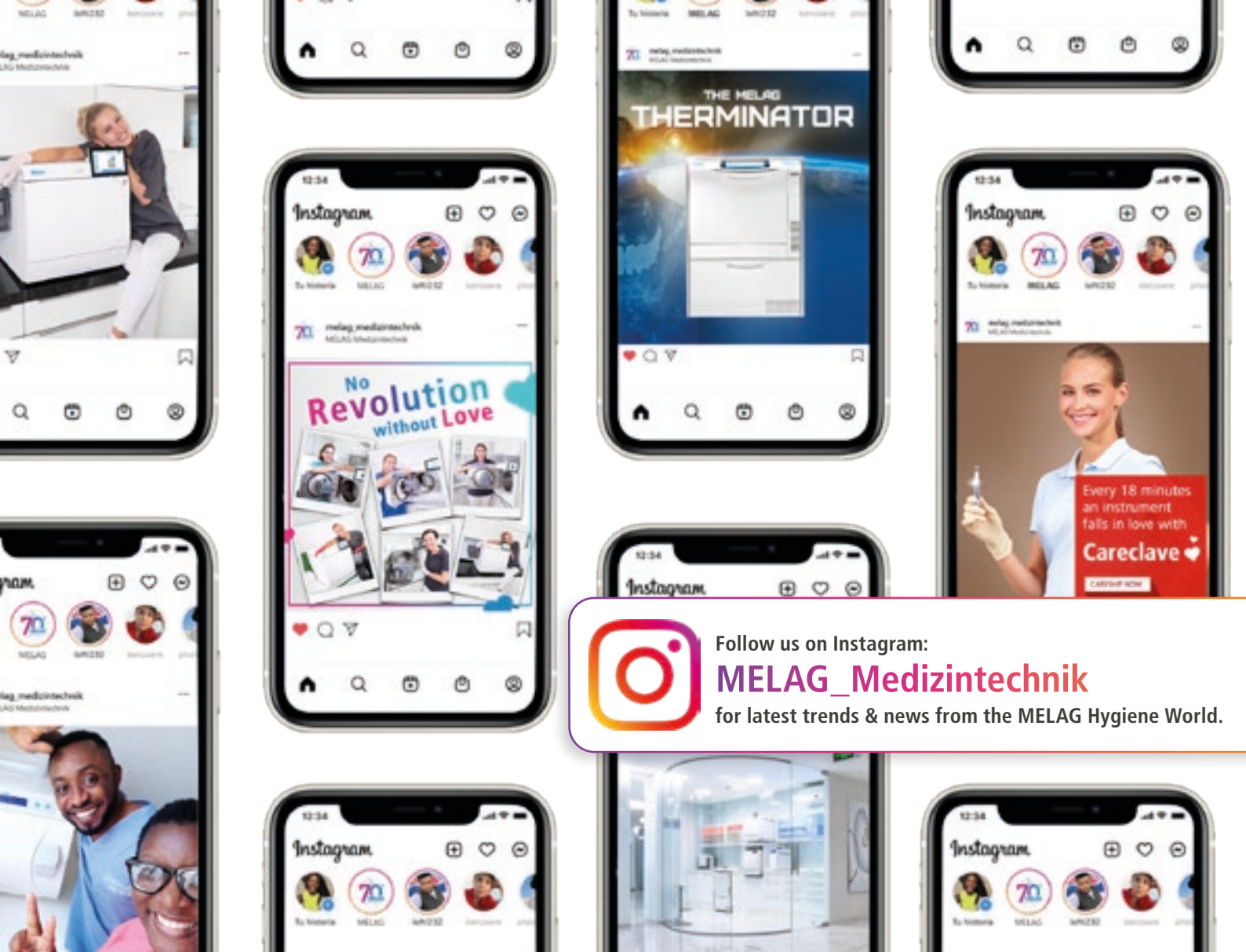
Order no.

ME01056

ME22432



Water stop valve



Follow us on Instagram:

MELAG_Medizintechnik

for latest trends & news from the MELAG Hygiene World.

Our Digital Tools

Smart workflows in instrument decontamination



Download Center:

Retrieve MELAG documents from anywhere and at any time



Blog:

Whether attractive offers, the latest news or helpful tips and tricks - you'll find the right content in our new hygiene blog!



Troubleshooting:

Enter malfunction numbers to access immediate solutions



Further information at: www.melag.com

MELAG
competence in hygiene