Product list 2014

MELA*therm* and accessories

www.melag.com

Quality – made in Germany

MELAG

competence in hygiene

What makes MELA*therm*® UNIQUE?

Already included

ACTIVE DRYING

Important for instrument protection

Already included

INTEGRATED DOCUMENTATION

Either via a CF card or network at no extra price

Already included

INTEGRATED METERING MODULE

For economical metering of the fluid process agents and thorough cleaning at no extra cost

Already included

INTEGRATED PROCESS AGENT INTAKE

For the space-saving, ergonomic storage of agents

The elegant design assists the time-saving treatment.
Instruments for up to 40 patients can be cleaned, disinfected and dried in a single treatment procedure.

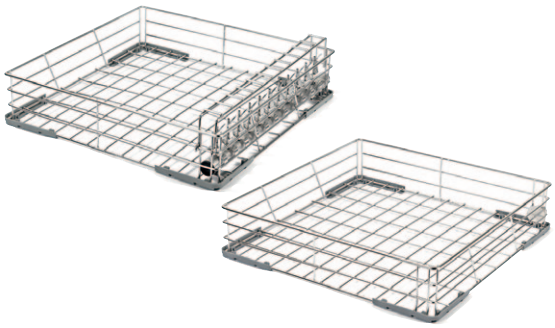
MELA*therm*®10 – its performance makes the difference!

With active drying – instruments need to be dry. Active exterior and interior drying protects the instruments against corrosion and damage.
With a practice-optimized treatment chamber – automatic treatment must be safe, ergonomic and low-priced. The combination of its spatial concept with a versatile range of baskets helps save both time and money.
With integrated process agents and a metering module – integration of the process agents creates extra space, makes working easier and helps avoid errors. No need for additional costs for the metering of process media.
With integrated documentation – With an integrated CF card slot and two network interfaces. No additional costs for documentation.

	Order no.
MELA*therm*®10 DTA under-desk equipment - three-phase current Exterior dimensions: Height: 82cm x Width: 60 cm x Depth: 60cm 3N AC 400V, 50Hz, 3 x 16A	10020
MELA*therm*®10 DTB under-desk equipment - alternating current Exterior dimensions: Height: 82cm x Width: 60cm x Depth: 60cm 230V, 50Hz, 16A	10021
Stainless steel cover plate, in case the device is not covered by an end-to-end surface.	65310

Basis baskets for MELA*therm*®10

Three basis baskets are available with or without an injector rail depending on the purpose of use. The basis basket with an injector rail is fitted with 11 injector nozzles and clamp springs. Alternatively, the injector rail can be fitted with various hollow body adaptors. The following pages provide details regarding further insert racks.



	Order no.
Basis basket with injector rail (with 11 injector nozzles) Length: 43cm x Width: 42cm x Height: 12cm	00197
Basis basket with injector rail (with 11 blind screws) Length: 43cm x Width: 42cm x Height: 12cm	00200
Basis basket without injector rail Länge: 43cm x Breite: 42cm x Höhe: 9cm	00188

Floor unit for MELA*therm*®10

The MELA*therm* is transformed into a top-frame device by the floor unit. This enables a particularly ergonomic operation and loading of the MELA*therm*. Moreover, it makes the organizational division of the unclean and clean area in the treatment room easier. The floor unit provides additional storage area and mounted on casters, facilitates any maintenance measures.

	Order no.
Floor unit	11020

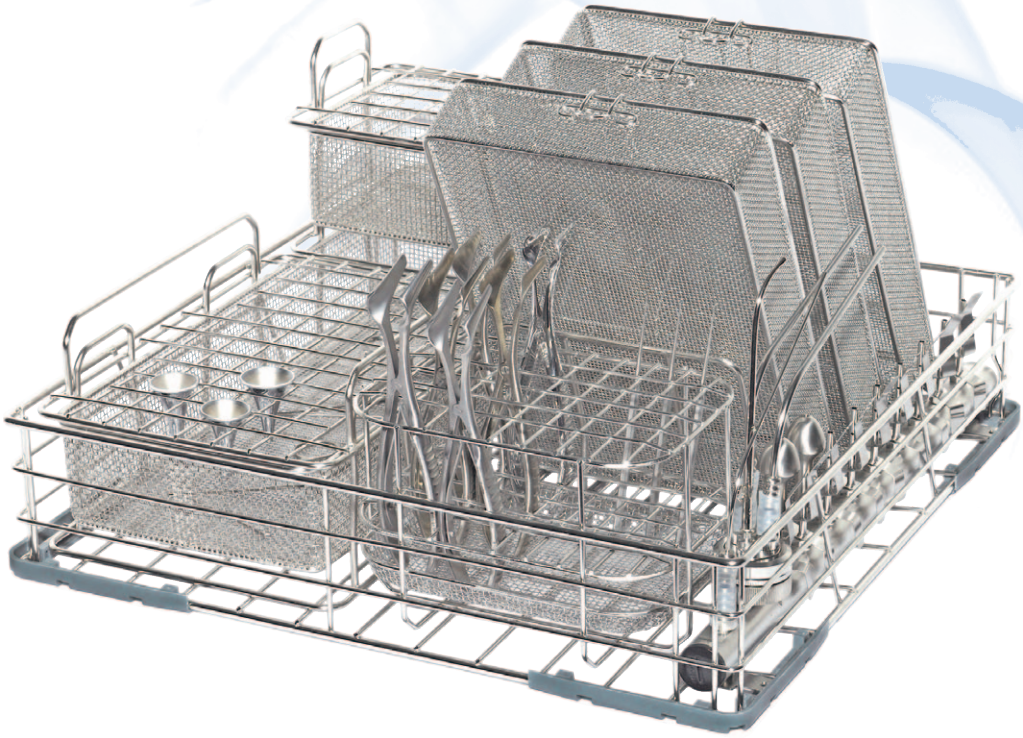
MELA*dem*®53 water treatment for MELA*therm*®10

The MELA*dem* 53 represents the optimal addition to the MELA*therm* 10 for the important final rinse of the instruments with demineralized water, ensuring protection and care. As a result, it is possible to avoid stains and alterations to the surface when using strongly mineralized tap water. MELA*dem* 53 consists of two high-grade 20 litre cartridges filled with regeneratable mixed-bed resin of which one is connected to the MELA*therm*. The water distributor enables the connection of up to four devices to the MELA*dem* 53.

	Order no.
MELA*dem*®53 24 cm x height 57 cm, 2 containers à 20 litres, filled	01038
Regeneration of one MELA*dem*®53 container	09020
Water distributor	69005

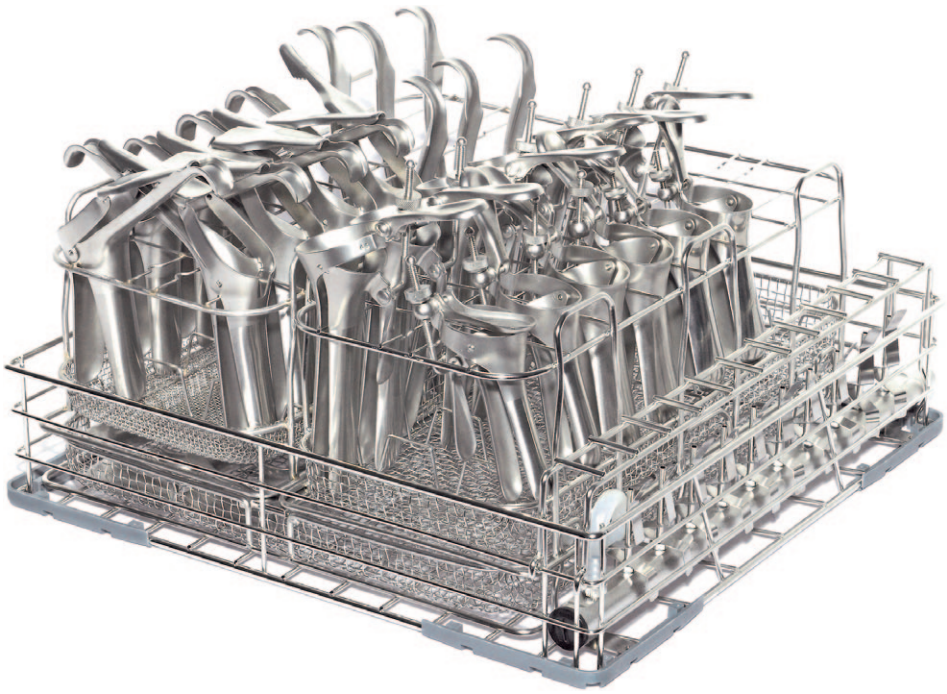
Example for ENT

Basis basket with injector rail, order no. 00200 – **ear speculum attachment flex 1**, order no. 80080
flex basket 1, order no. 80010 – **flex basket 3**, order no. 80030 – **ear speculum attachment flex 2**, order no. 80090
instrument basket compact, order no. 00195 – **triple distributor**, order no. 73903 – **hose connection**, order no. 80150
hose 10/6mm, order no. 80190 – **adapter (male) for Luer-Lock**, order no. 74130 – **adapter (female) for Luer-Lock**, order no. 67250



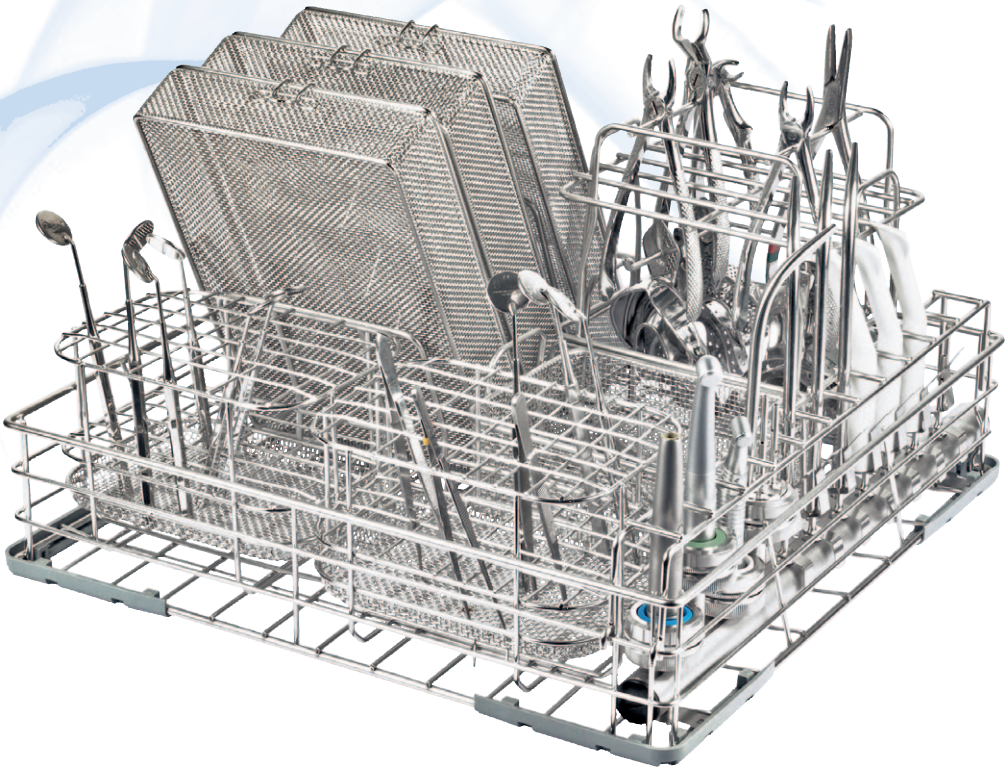
Example for gynaecology

Basis basket with injector rail, order no. 00200 – **flex basket 6 with traverse and hose conduit**, order no. 80255
flex basket specula, order no. 80410 – **hose connection**, order no. 80150 – **hose 10/6mm**, order no. 80190



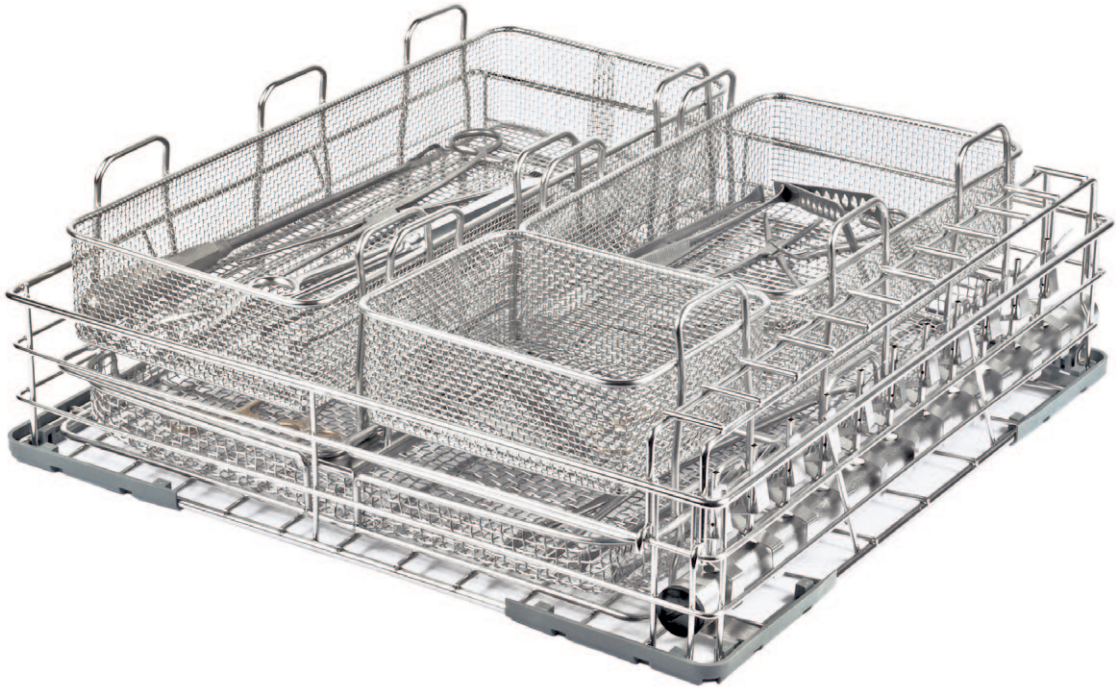
Loading example dental

Basis basket with injector rail, order no. 00197 – **insert rack for 3 perforated cartridges**, order no. 00180 – **distance collar**, order no. 55120
perforated cartridge with dividing inserts and protrusion guard, order no. 80185 – **triple distributor**, order no. 73903
instrument basket compact, order no. 00195 – **insert rack for hinged and jointed instruments**, order no. 80120
insert rack for impression trays, order no. 00182 – **adapter for transfer instruments**, order no. 73900 / 73901 / 73902



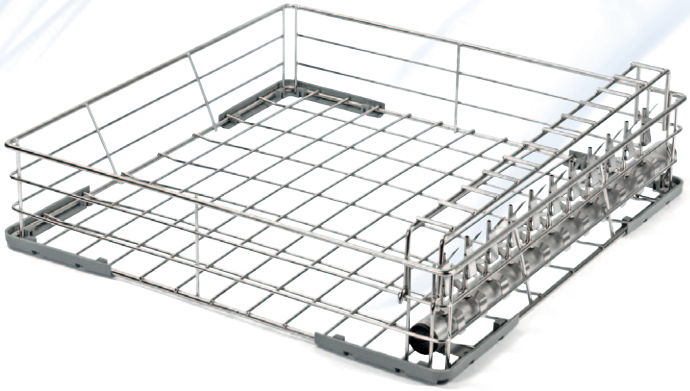
Loading example general / surgery

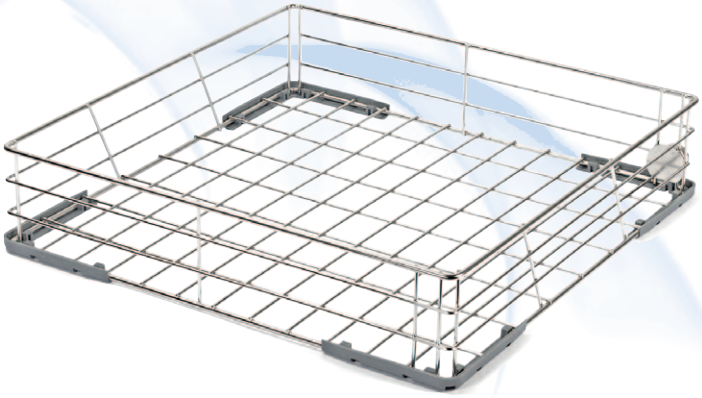
Basis basket with injector rail, order no. 00200 – **flex basket 1**, order no. 80010 – **flex basket 2**, order no. 80020
flex basket 3, order no. 80030 – **flex basket 6 with traverse and hose conduit**, article no. 80255



Loading concept MELA*therm*

- The basis of every loading variation is provided by one of the basis baskets. Either the basis basket with an injector rail (if hollow instruments are to be treated) or the basis basket without an injector rail.

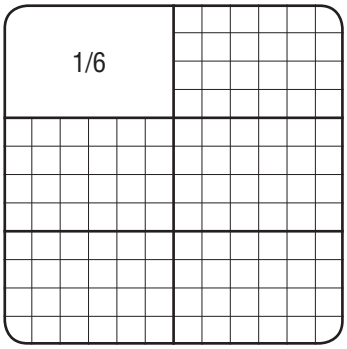


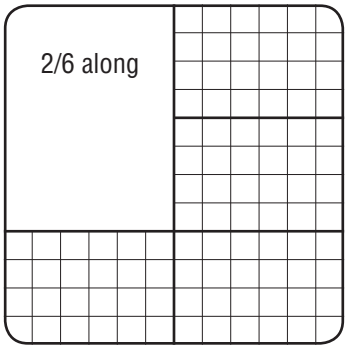


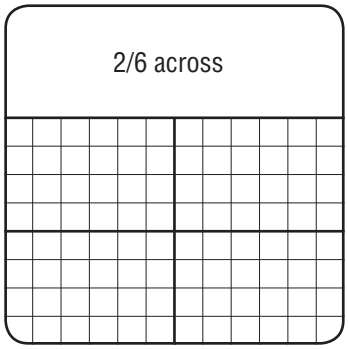
Basis basket with injector rail
- with injector nozzles and clamp springs: Order no. 00197
- with blind screws: Order no. 00200

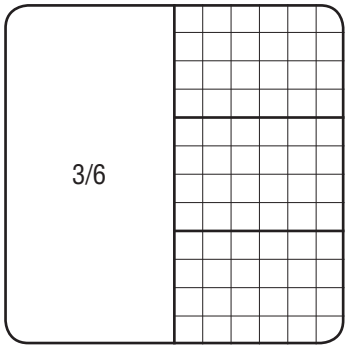
Basis basket without injector rail
Order no. 00188

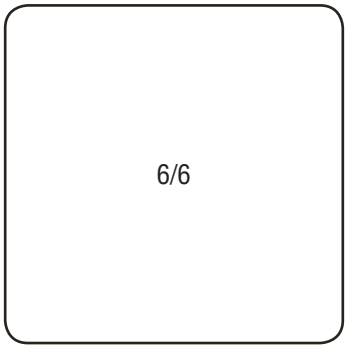
- The basis baskets are conceptually divided into six segments for the further loading with baskets etc. Loading with baskets, mounts etc. can be combined flexibly so that the six useable segments can be subject to optimal utilization:





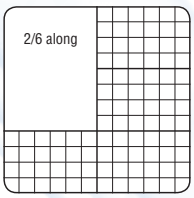






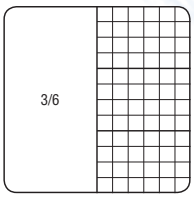
Insert rack for 3 perforated cartridges / wash trays — Order no. 00180

- For accommodating up to 3 perforated cartridges (order. no 00185) or 3 wash trays.



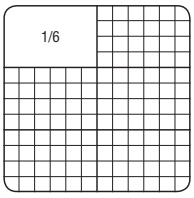
Insert rack for 4 perforated cartridges / wash trays — Order no. 80040

- For accommodating up to 4 perforated cartridges (order. no 00185) or 4 wash trays.



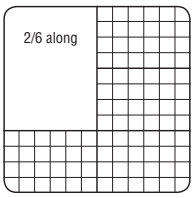
Instrument basket compact — Order no. 00195

- For vertically standing instruments such as e.g. tweezers, probes, mirrors, nasal specula etc.



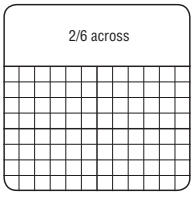
Washing basket >G< — Order no. 00131

- For vertically standing instruments such as e.g. scissors, tweezers, clamps, probes, mirrors etc.



Instrument basket for standing instruments — Order no. 00184

- For vertically standing instruments such as e.g. tweezers, probes, mirrors, scissors, clamps etc.
- Can be combined with the Needle tip plate (order no. 0186).



Needle tip plate for instrument basket — Order no. 00186

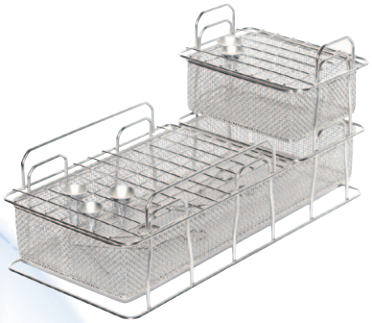
- Prevents sharp instruments from slipping through the basket meshing.
- Can be deployed in the instrument basket (order no. 00184).
- Dimensions: Width: 17 cm x Depth: 3 cm x Height: 4.5 cm

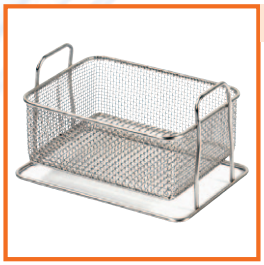
Small parts container — Order no. 00133

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

The Flex system brings a number of possibilities

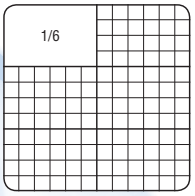
MELAG's in-house development, the exceptionally variable Flex system provides numerous loading combinations, thus enabling optimal utilization of the washing chamber.
Using flex basket 6 as a basis, it is possible to stack the various flex baskets 1, 2 and 3, the flex basket specula or the insert rack for scissors / clamps or impression trays in max. 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. Beyond this, we also provide countless further variations.

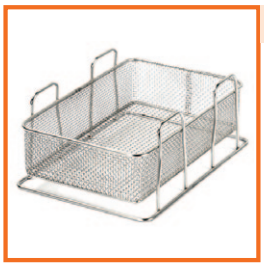




Flex basket 1 — Order no. 80010

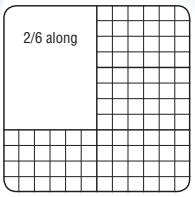
- For instruments lying flat e.g. scissors, tweezers, mirrors etc.
- Stackable with flex baskets 1, 2, 3 and 6.
- Interior dimensions: Width: 14.5 cm x Depth: 11 cm x Height: 6 cm

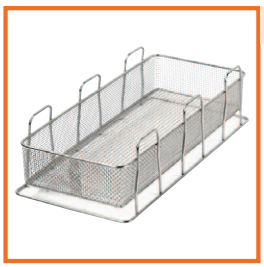




Flex basket 2 — Order no. 80020

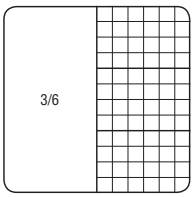
- For instruments lying flat e.g. scissors, tweezers, mirrors, root elevators etc.
- Stackable with flex baskets 1, 2, 3 and 6.
- Interior dimensions: Width: 14.5 cm x Depth: 24 cm x Height: 6 cm

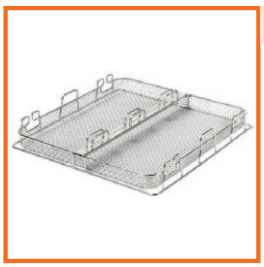




Flex basket 3 — Order no. 80030

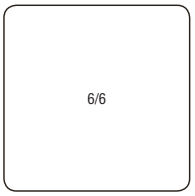
- For instruments lying flat e.g. scissors, tweezers, suction tubes etc.
- Stackable with flex baskets 1, 2, 3 and 6.
- Interior dimensions: Width: 14.5 cm x Depth: 37.5 cm x Height: 6 cm

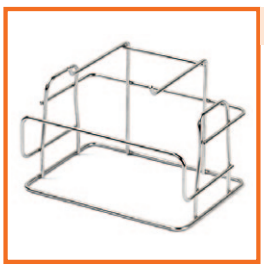




Flex basket 6 with traverse and hose conduit — Order no. 80255

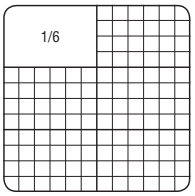
- For long instruments lying flat e.g. scissors, tweezers, mirrors etc of a length up to 40 cm.
- As a basis under the flex baskets 1, 2, 3 and under the flex basket specula.
- Interior dimensions: Width: 34 cm x Depth: 38 cm x Height: 3 cm

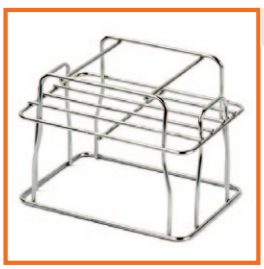




Insert rack for impression trays, Flex 1 — Order no. 80110

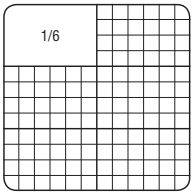
- For up to 8 dental impression trays.
- Stackable with flex baskets 1, 2, 3 and 6.





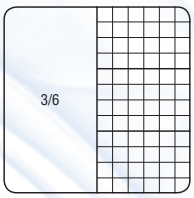
Insert rack for hinged and jointed instruments, Flex 1 — Order no. 80120

- For hanging hinged instruments e.g. scissors, needle holder, clamps etc.
- Stackable with flex baskets 1, 2, 3 and 6.



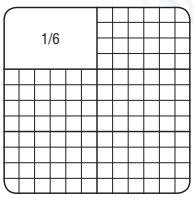
Flex basket specula — Order no. 80410

- For gynaecological specula. Holds up to 8 sets Kristell / 16 Cusco / Semm specula.
- 2 stackable on flex basket 6.



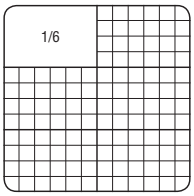
Ear speculum attachment flex 1, mesh width 14mm — Order no. 80070

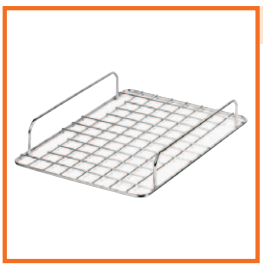
- For up to 50 ear specula.
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid.
- Possible in any combination with the flex baskets 1, 2 and 3. Flex baskets can be partially filled with these or subject to comprehensive use (e.g. 3 on a flex basket 3).



Ear speculum attachment flex 1, mesh width 20mm — Order no. 80080

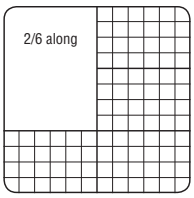
- For up to 24 ear specula.
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid.
- Possible in any combination with the flex baskets 1, 2 and 3. Flex baskets can be partially filled with these or subject to comprehensive use (e.g. 2 on 1 flex basket 2).

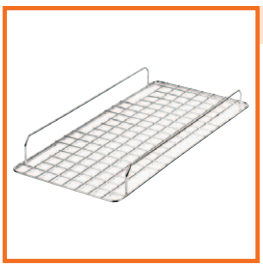




Ear speculum attachment flex 2, mesh width 20mm — Order no. 80090

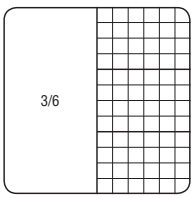
- For up to 60 ear specula.
- For setting on the flex baskets 1, 2 and 3. Can also be used as a lid.
- Possible in any combination with the flex baskets 1, 2 and 3. Flex baskets can be partially filled with these or subject to comprehensive use (e.g. 1 on 2 flex baskets 1).





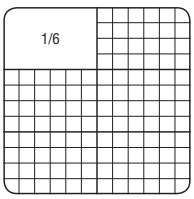
Ear speculum attachment flex 3, mesh width 20mm — Order no. 80100

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



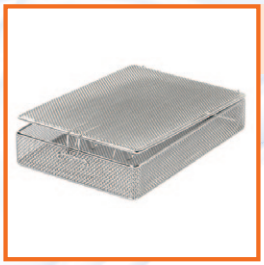
Top frame for flex baskets, with 2 fixing clamps — Order no. 80435

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



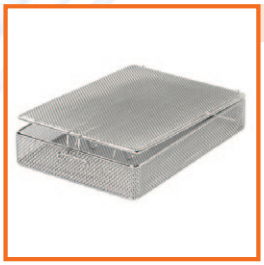
Fixing clamp for top-frame — Order no. 80420

- Already included in the scope of delivery of the fixture with the order no. 80435.
- Also usable for all ear speculum attachments.



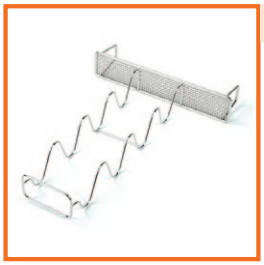
Perforated cartridge with dividing inserts and protrusion guard **Order no. 80185**

- For the treatment of instrument sets or large quantities of individual instruments.
- Can be used in connection with the insert racks for perforated cartridges (Order no. 00180 / 80040).
- Exterior dimensions: Width: 17.5cm x Depth: 26.5cm x Height: 5cm



Perforated cartridges with lid **Order no. 00185**

- For the treatment of instrument sets or large quantities of individual instruments.
- Can be used in connection with the insert racks for perforated cartridges (Order no. 00180 / 80040).
- Exterior dimensions: Width: 17.5cm x Depth: 26.5cm x Height: 5cm

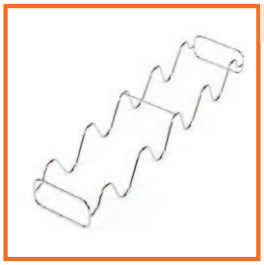


Protective insert for perforated cartridges **Order no. 00189**

- Separates instruments in the perforated cartridges so as to avoid spray shadow.
- Prevents protrusion through the perforated cartridge so as to protect instruments with sensitive points.

Protrusion guard for perforated cartridge **Order no. 00190**

- Prevents the protrusion of pointed instruments through the wire gauze of the perforated cartridge.



Dividing inserts for perforated cartridges **Order no. 00191**

- Separates instruments in the perforated cartridges so as to avoid spray shadow.

Adapter for transfer instruments, Ø 16mm / 20mm / 22mm

- For acceptance of transfer instruments, e. g. dental hand pieces or angle pieces.
- With a filter cartridge for instrument protection.
- Green: for instruments with Ø 16mm, order no. 73900
  Blue: for instruments with Ø 20mm, order no. 73901
  Grey: for instruments with Ø 22mm, order no. 73902

Triple distributor (incl. Filter disc) **Order no. 73903**

- For mounting on the injector rail, if a number of hollow instruments are to be treated.
- For up to 3 injector nozzles (without clamps !), Luer / Luer-Lock adapters or hose connectors.
- Dimensions: Ø 40 mm x height: 34 mm

Two-way distributor **Order no. 80200**

- For mounting on the injector rail, if a number of hollow instruments are to be treated.
- For up to 2 injector nozzles (with clamps possible), Luer / Luer-Lock adapters or hose connectors.
- Dimensions: Ø 36 mm x height: 34 mm

Filter disc for adapter for hand pieces **Order no. 64375**

- Delivery on a 10 piece blister.
- Usable for adaptor hand pieces and three-way distributor.
- Dimensions: Ø 28 mm

Re-usable filter sieve **Order no. 80350**

- Metal filter sieve to be cleaned in an ultrasonic bath.
- Usable for adapters for transfer instruments and for triple distributor.
- Dimension: Ø 28mm

Distance collar **Order no. 55120**

- For the maximum use of the injector rail with adaptors for hand pieces / three-way distributor.
- When using more than 6 adaptors, a distance collar is required for each further adaptor.
- Dimensions: Ø 10 mm x height: 33 mm

Accessories for injector rail

Injector nozzles — Order no. 73860

- For the treatment of hollow instruments e.g. dental suction tubes etc.
- Screw-on direct in the injector rail or in the three-way distributor.
- Dimensions: Ø 4 mm x height: 54 mm

Clamp spring for injector nozzles — Order no. 00196

- Can be used for the injector nozzles if these are screwed into the injector rail.
- Jam in light instruments, so that they do not slip from the injector nozzles through the rinse pressure.

Rinsing capsule for instruments with outer-Ø 2..11mm — Order no. 80260

- For hollow instruments with an exterior diameter of 2-10 mm and a non-standardized connection.
- Can be screwed in to the injector rail or connected via a hose extension (Order no. 80195).
- If the flushing bushing is screwed in to the injector rail, it is possible to treat instruments of up to a length of 22 cm. With longer instruments, we recommend use of the hose extension so that the instruments lay flat in the basket.

Silicon hose, 8/6mm — Order no. 80190

- Highly flexible, kink-free silicon hose for connecting connections with instruments.
- Instruments can also be pressed into the hose.
- Delivery by the metre.

Hose extension with connections — Order no. 80195

- For the connection of washing systems or the laying of connections in a washing basket.
- Hose length 0.5 m each with a hose connection with an interior / exterior thread.

Locking screw for injector rail / triple and two-way distributors — Order no. 80140

- To seal non-required apertures in the injector rail or the three-way distributor.
- Dimensions: Ø 10 mm x height: 15 mm

Locking screw for injector rail — Order no. 00198

- To seal non-required apertures in the injector rail (not for the three-way distributor).
- Dimensions: Ø 18 mm x height: 10 mm

Adapter (male) for Luer **Order no. 73880**

- For the treatment of instruments / hollow needles for a Luer connection (female).
- Can be screwed in to the injector rail or the three-way distributor.

Adapter (male) for Luer-Lock **Order no. 74130**

- For the treatment of instruments / hollow needles for a Luer-Lock connection (female).
- Can be screwed in to the injector rail or the three-way distributor.

Seal (female) for Luer / Luer-Lock **Order no. 80180**

- To seal a Luer adaptor (Order no. 73880) or a Luer-Lock (Order no. 74130) if this is not required.

Adapter (female) for Luer / Luer-Lock **Order no. 67250**

- For the treatment of instruments / hollow needles for a Luer connection (male) or a Luer-Lock connection (male).
- Can be screwed in to the injector rail or the three-way distributor.

Seal (male) for Luer-Lock **Order no. 80170**

- For sealing an adapter for Luer-Lock (order 67250) if this is not required.

Hose connection with external thread **Order no. 80150**

- For hoses with a 6 mm interior diameter e.g. silicon hose (Order no. 80190).
- Can be screwed in to the injector rail or the three-way distributor.

Hose connection with internal thread **Order no. 80160**

- For hoses with a 6 mm interior diameter e.g. silicon hose (Order no. 80190).
- Can be combined with the adapters for Luer / Luer-Lock, the three-way distributor (Order no. 73903), the flushing bushing (Order no. 80260) etc.

For the automatic documentation

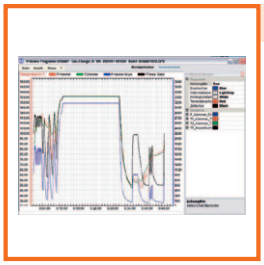
Completion by hand of the statutorily-required documentation is very time-consuming; automatic documentation not only saves considerable time, but is much more economical. MELAtherm is fitted with a slot for documentation with a CF-Card.
The integration of the MELAtherm into a practice network is also possible at no extra cost. This requires only a network cable.

MELAflash CF-Card **Order no. 01043**

- For the documentation of the cycles with MELAtherm
- A card reader is required to read-out the data on the PC.

Card reader for MELAflash CF-Card **Order no. 01048**

- For reading and transferring the cycle data of the MELAflash CF-Card to a PC via USB.
- An USB cable is in the scope of delivery



MELAview Documentation software **Order no. 21127**

- For simple transfer of the log from the MELAtherm to the practice PC
- For the display of the program log saved on the MELAflash CF-Card
- Minimum requirements to the PC: Windows XP, 512kB RAM, space on hard disk drive: 10MB

MELAsoft software for documentation, clearance and tracing **Order no. 21129**

- For the automatic documentation of the cycles with MELAtherm.
- Clearance of the successful treatment of semi-critical and critical medical products

Network cables (Crossover)

- For connecting MELAtherm to the practice network or to a PC via a RJ45 socket
- Available in the lengths: 2 meter (order no. 15813)
  5 meter (order no. 15814)
  10 meter (order no. 15815)

The success of a family-led company - through innovation and quality

As an owner-run and operated family concern founded in 1951, we have a long history of successful specialization on hygiene products for practice-based use. As a medium-sized business, it is this specialization and our 60 person-strong expert development team which allows us to maintain and develop our product range so as to maintain our position as an international market-leader.

Our focus on quality, innovation and the highest of safety standards has established MELAG as the world's leading manufacturer in the area "hygiene products," selling over 450,000 devices to date. Our entire product range is produced exclusively in Germany (Berlin). Over 250 employees work on premises of c. 20,000 m².

We have consistently rejected outsourcing to low-wage third countries, as we did not want to risk a reduction in our world-beating quality. We have also ruled out emulating the trend towards an expansion of our product range to exceed provision in our area of core competence, practice hygiene.

Today we are easily the world's largest specialist manufacturer of practice sterilizers and thermal disinfectors which concentrates exclusively on this area. We remain convinced that quality requires consistent specialization on a narrow range of high-quality products.

You, our customer have a right to expect the best-quality products for your money.

You demand quality and reliability. With **"competence in hygiene"** and providing **"quality - made in Germany"** we guarantee that these demands will be met, enabling you to maintain the highest of quality standards in practice hygiene.

The product list is valid as of 01.02.2013. Please request the terms of business for the particular country in which you are interested.
Please place your order with article description and order number. Subject to technical changes and misprints.

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MELAG
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Quality – made in Germany

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