

MELAtherm®

Design meets Quality




Quality – made in Germany

MELAG
competence in hygiene

ECONOMIC AND SAFE

The Size: Saving space

From the very beginning of development of the MELAtherm® we made sure that its many and various functions and features, and additional convenience do not lead to more space requirements. With its enclosure width of only 60 cm, there is room for the MELAtherm® almost everywhere.

The spacious MELAtherm® washing chamber is designed for those practices which cannot afford compromises in terms of operating times, treatment quality, economy and environmental protection.

The series produced base frame will accommodate up to 6 wash trays and a greater number of hand instruments.

At the same time, up to 11 instruments with cavities, (e.g. hollow needles, tubes, transfer instruments) can be cleaned and disinfected outside and inside via an injector rail.

Documentation

The documentation of the entire treatment process is required. This aim is easy to achieve with MELAtherm® without incurring any extra cost.

Documentation is achieved either through connecting the MELAtherm® directly to the user network or PC or via transferring the data on the CF-card.

The data can be administered with either a Windows standard program e.g. Text Editor, Excel or Word. A professional and even more convenient alternative is possible by purchasing one of the MELAG documentation programs MELAview or MELAsoft.



CLEANANDDRY

Supply with operating agents: Working ergonomically

A film on the instruments, stains and even rust accretions are no rarity with automatic treatment.

In selecting the fluid, we decided against a combination solution even though that would have meant only one container and a saving in terms of space. In order to achieve optimal results, our system consists of three process agents with individual active agents: a weakly alkali cleaning fluid, a neutralizer and a lightly acidic rinse aid to guarantee the greatest possible protection against rust and stains.

Active drying

The active drying ensures the long-term value retention of high-quality instruments and protects them from corrosion.

Moreover, the clearance of the instruments after disinfection and cleaning by the auxiliary requires dryness as protection against re-contamination.

The drying fan integrated in MELAtherm® provides active drying which is of special importance for instruments with cavities.

Treatment as a Process

MELAtherm® represents the ideal supplement to the treatment chain, as automatic cleaning, disinfection and drying makes the work processes easier, helps to avoid errors and thereby saves valuable time and money.



PROGRAMTIMESVARIANTS

Practice requirements are highly varied especially when the practice treatment room has already been set up. As a result, we provide MELAtherm® in two models.

You can choose between an under-desk machine which fits into a normal 60 cm space and a free standing top-frame device.

A stainless-steel cover is available for the devices which are not inbuilt.

The top-frame device provides two advantages: loading at operator level (no need to bend over) and additional storage space below in a second draw.

Technical Data

| | | Under-desk equipment | Top-frame device |
|-----------------------------------|-----|-----------------------------|-----------------------------|
| External dimensions (WxHxD in mm) | | 598 x 818 x 678* | 598 x 1240 x 678 |
| Washing chamber (WxHxD in mm) | | 465 x 405 x 448 | 465 x 405 x 448 |
| Weight (kg) | | 79 | 106 |
| Electricity supply | DTA | 3 N AC 400 V, 50 Hz, 3x16 A | 3 N AC 400 V, 50 Hz, 3x16 A |
| | DTB | AC 220-240 V, 50 Hz, 1x16 A | AC 220-240 V, 50 Hz, 1x16 A |
| Power input (kW) | DTA | 9,3 | 9,3 |
| | DTB | 3,3 | 3,3 |

* fits under 60 cm tabletop

Programs

| | Process time* (min) | |
|-------------------|---------------------|-----|
| | DTA | DTB |
| Universal-Program | 36 | 51 |
| Quick-Program | 32 | 47 |
| Intensive-Program | 41 | 56 |
| Rinsing | 4 | 4 |
| Ophthalmo-Program | 44 | 59 |

* plus drying period

MELAG Medical Technology
www.melag.com

Geneststraße 6 - 10
D-10829 Berlin; Germany



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