

## What to consider before setup?

In order to set up the device correctly and in time, it is important to inspect the on-site installation requirements in advance using this check list. If necessary consult an expert.

If the installation is done by the MELAG Customer Service, send this list to MELAG (email: info@melag.de or fax +49 (0)30 757 911 1083).

Practice / clinic (name, address / stamp)

Stockist (name, address / stamp)

**X** Tick the appropriate items on selection or select the applicable one:



present/fulfilled



not present/not fulfilled

### Space requirements / premises

Note the following:

- ▶ If the device is installed directly in the corner of an L-shaped work surface, existing drawers to the left or right of the device **cannot** be opened.
- ▶ If the device is installed with a floor unit, it must be additionally secured to the wall using the wall fixing (included in the scope of delivery of the floor unit).



The width of the door etc. from the practice entrance up to the setup site is at least 60 cm.



The space required for MELAtherm is available.



The additional space required for a mixed-bed resin cartridge is available.



The installation surface can withstand a floor load of 113 kg for an under-desk unit, 119 kg for a free-standing device and 182 kg for a top-frame device.



Space requirement MELAtherm 10/MELAtherm 10 Evolution	
Width x Depth	60 x 60 cm
Height	min. 82 cm
Height with stainless steel cover plate	84 cm
Height with floor unit	124 cm
Distance to opposite work surface	min. 70 cm

Additional space required for a mixed-bed resin cartridge	MELAdem 53	MELAdem 53 C
Diameter x Height	24 x 57 cm (approx. 61.5 cm incl. pipe elbow)	24 x 45 cm (approx. 49 cm incl. pipe elbow)

## Electrical connection



### WARNING

**Danger of electric shock**

**Work on the electrical system should only be performed from an authorised and qualified electrician.**



The practice operator provides a correctly installed electrical installation.  
The connection should be made with cable cross-sections of 2.5 mm<sup>2</sup>.



#### MELAtherm 10 DTA/MELAtherm 10 Evolution DTA:

CEE socket with 380-415 V, 50 Hz or 60 Hz<sup>\*)</sup>, 16 A fuse protection type B



All-pole disconnection is guaranteed



Additional RCD switch with 30 mA tripping current is available



#### MELAtherm 10 DTB/MELAtherm 10 Evolution DTB:

220-240 V, 50 Hz or 60 Hz<sup>\*)</sup> socket, 16 A fuse protection type B



Additional RCD switch with 30 mA tripping current is available



<sup>\*)</sup> The 60 Hz device version only applies to MELAtherm 10, but not to MELAtherm 10 Evolution.



### PLEASE NOTE

**If the DTB device version is intended for permanent operation with an ambient temperature of over 35 °C, then contact the technical service for further information.**

## Water connection

Note the following:

- ▶ The quality of the water used for reprocessing influences the value-retention of the load. MELAG recommends using a pre-filter with a mesh size of ≤ 100 µm to prevent particles from entering from the water pipe (e.g. sand, rust, etc.).
- ▶ If the water hardness is higher than the maximum permissible hardness, a water softening system must be installed upstream. When using a central demineralisation system, the maximum permissible conductivity is 5 µS/cm.
- ▶ MELAG recommends a leakage water detector, e.g. the water stop from MELAG (art. no. ME01056).
- ▶ Observe the country-specific regulations on drinking water protection, e.g. SVGW, KIWA, WRAS.



The water outlet was properly installed under observance of the technical manual. The water outlet is able to discharge without any impediment (**observe any pumping stations**).



#### CAUTION! The wastewater can reach up to 95 °C for short terms.

The pump-off rate amounts to 40 l/min, the amount of wastewater up to 30 l/h (in smaller intervals).



The maximum permissible water hardness amounts to 40 °dH.



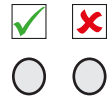
Connections (3/4" external thread) to the drinking water are present and accessible for the connection of the water treatment unit.



The recommended flow pressure for the cold water connection and the demineralised water connection is 2.5-10 bar (3-10 bar in the Netherlands).



**Process agents**



The practice operator provides the process agents required for commissioning in accordance with the MELAG recommendation (one 5 l container each of cleaner and neutraliser and at least one 1 l container of rinse aid).

**Remarks and notes**

The following points are still open and must be completed by the installation date:



**PLEASE NOTE**

All non present/not fulfilled points are to be fulfilled by the practice operator until installation date. If points remain open when the device is installed and the installation cannot be carried out, the operator bears the costs for the service call.

Other remarks:

The information outlined above has been complied. The requirements for the installation and commissioning of the device is guaranteed.

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Signature / stamp customer service / stockist

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Signature / stamp practice / clinic