

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.

Practice / clinic (name, address / stamp)

Stockist (name, address / stamp)

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 99).

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

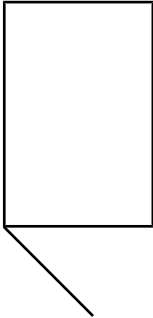
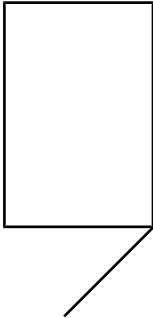

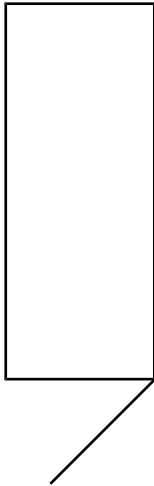


present/fulfilled



not present/not fulfilled

Device type, configuration and accessories

Cliniclave 45		Cliniclave 45 M	
Steam sterilizer with door hinge left (art. no. ME10045LS)	Steam sterilizer with door hinge right (art. no. ME10045RS)	Steam sterilizer with door hinge left (art. no. ME10048LS)	Steam sterilizer with door hinge right (art. no. ME10048RS)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			
Cliniclave 45		Cliniclave 45 M	
MELAdem 56 reverse osmosis unit (art. no. ME11056)	<input type="checkbox"/>	MELAdem 56 M reverse osmosis unit (art. no. ME11057)	<input type="checkbox"/>
Loading system Comfort (incl. Loading trolley, art. no. ME01145)	<input type="checkbox"/>	Loading system Comfort (incl. Loading trolley, art. no. ME01145)	<input type="checkbox"/>

Space requirements / premises



PLEASE NOTE

Comply with the detailed information in the installation plan (doc. IA_001-13).

Access to the installation location



The clear width from the door to the installation location must be min. 70 cm.



Comply with the necessary corridor width for the larger Cliniclave 45 M. With travel across a curve (90°), the sum of the door width and corridor width amounts min. 230 cm.



The practice / clinic is accessible at ground level or via an lift.



Or the following conditions are met:

Installation location



The installation location is dry and protected from dust.



In accordance with EN 285, the ground is waterproof and collects or drains water leaked from the steam sterilizer.



For maintenance work a free area of minimum 60 cm is present on both sides of the device or achievable by moving the steam sterilizer.



At the side of the door hinge a minimum clearance at the height of the door is maintained. Depending on the opening angle set for the steam sterilizer door, the lateral clearance to the wall amounts minimum 25 cm (opening angle 95°) and minimum 75 cm (opening angle 170°), see installation plan.



The installation surface of the steam sterilizer corresponds to the requirements of the installation plan.



The device is not set up in the immediate proximity of a smoke detector. Clearance from materials which could suffer damage from steam is maintained.



Functional operation of the device requires a clearance of 15 cm between the rear of the device and the wall.



Sufficient ventilation of the room is guaranteed. The waste heat of the steam sterilizer amounts up to 1.4 kW for Cliniclave 45 and 2.0 kW for Cliniclave 45 M.



Connections

Electrical connection

Star connection: 3x400 V



	Cliniclave 45	Cliniclave 45 M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Electrical power	10.5 kW	13.5 kW	<input type="checkbox"/>	<input type="checkbox"/>
Power supply	CEE socket (red) with 3x380-415 V + N + PE, 16 A, 50/60 Hz, position PE: 6 h, a separate circuit with fuse (to guarantee continued practice operation during steam sterilizer malfunction): 3x16 A, RCD 30 mA	CEE socket (red) with 3x380-415 V + N + PE, 32 A, 50/60 Hz, position PE: 6 h, a separate circuit with fuse (to guarantee continued practice operation during steam sterilizer malfunction): 3x32 A, RCD 30 mA	<input type="checkbox"/>	<input type="checkbox"/>
	Main switch (all-pole) / emergency stop outside the installation room		<input type="checkbox"/>	<input type="checkbox"/>

Rotating field direction clockwise

Optional for further accessories 220-240 V, 50/60 Hz earthing contact socket (e.g. for MELAG water stop)

Delta connection: 3x230 V

	Cliniclave 45	Cliniclave 45 M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Electrical power	10.5 kW	13.5 kW	<input type="radio"/>	<input type="radio"/>
Power supply	CEE socket (blue) with 3x220-240 V + PE, 32 A, 50/60 Hz, position PE: 9 h, a separate circuit with fuse (to guarantee continued practice operation during steam sterilizer malfunction): 3x32 A, RCD 30 mA	CEE socket (blue) with 3x220-240 V + PE, 63 A, 50/60 Hz, position PE: 9 h, a separate circuit with fuse (to guarantee continued practice operation during steam sterilizer malfunction): 3x63 A, RCD 30 mA	<input type="radio"/>	<input type="radio"/>
	Main switch (all-pole) / emergency stop outside the installation room		<input type="radio"/>	<input type="radio"/>
Rotating field direction	clockwise		<input type="radio"/>	<input type="radio"/>
Optional for further accessories	220-240 V, 50/60 Hz earthing contact socket (e.g. for MELAG water stop)		<input type="radio"/>	<input type="radio"/>

PLEASE NOTE: The device configurations of the electrical connections (star or delta connection) have different article numbers. Therefore, determine the device configuration according to the local conditions before ordering the device.

Star connection: worldwide standard network, common e.g. in Europe

Delta connection: regionally common, e.g. in Latin America, the Middle East, Africa and Asia

Connecting a network cable (RJ45) / MELAprint 60 label printer

The installation in the floor unit requires a network cable of sufficient length:

Cliniclave 45: the required cable length in the floor unit amounts 60 cm

Cliniclave 45 M: the required cable length in the floor unit amounts 112 cm

System and network connection

If the device is to be connected to the local practice network (LAN), the following points must be complied with:

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
An ethernet/IP-based network connection (LAN) is present.	<input type="radio"/>	<input type="radio"/>
The MELAprint 60 label printer should be connected.	<input type="radio"/>	<input type="radio"/>
The MELAG FTP server is installed.	<input type="radio"/>	<input type="radio"/>
The documentation software MELAtrace (Pro) is installed/is to be used.	<input type="radio"/>	<input type="radio"/>
Other compatible documentation software is installed/is to be used.	<input type="radio"/>	<input type="radio"/>

if yes, which:

The required IP addresses are known:

Device: PC/FTP: MELAprint:

Cold water connection



NOTICE

Connect the device to the drinking water supply. The reliable function and value-retention of the steam sterilizer depends to a large extent on the quality of the tap water.

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A cold water tap (3/4" external thread) is present and accessible in accordance with the installation plan. If no cold water tap is present, it can be additionally ordered by MELAG (art. no. ME37310).	<input type="checkbox"/>	<input type="checkbox"/>
The water hardness of the inflow water from the cold water connection amounts 4-12 °dH according to EN 285. Higher levels of hardness necessitate the connection of a water-softening unit.	<input type="checkbox"/>	<input type="checkbox"/>
The temperature of the inflow water from the cold water connection amounts 1-20 °C (ideal 15 °C) according to EN 285. The higher the temperature, the longer the operating times and the higher the water consumption.	<input type="checkbox"/>	<input type="checkbox"/>
In the absence of a floor drain, MELAG recommends a leakage water detector e.g. water stop from MELAG (art. no. ME01056).	<input type="checkbox"/>	<input type="checkbox"/>
A flow pressure of 1.5 bar at 8 l/min (maximum static water pressure 10 bar) is not undercut. The recommended flow pressure amounts to 2.5-6 bar at 8 l/min.	<input type="checkbox"/>	<input type="checkbox"/>

Wastewater connection

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The wastewater connection is properly installed under observance of the technical manual or installation plan. The height of the siphon amounts to max. 55 cm (upper edge of the siphon). MELAG strongly recommends using the MELAG installation package (art. no. ME09027). This will be sent in advance after the order of the steam sterilizer.	<input type="checkbox"/>	<input type="checkbox"/>
The wastewater is able to flow off without any impediment (observe any pumping stations).	<input type="checkbox"/>	<input type="checkbox"/>
Waste water temperatures of short-term max. 90 °C are possible.	<input type="checkbox"/>	<input type="checkbox"/>
Wastewater amounts of short-term max. 9 l/min are possible.	<input type="checkbox"/>	<input type="checkbox"/>

Feed water supply



PLEASE NOTE

Comply with the detailed information in the separate set of instructions "Connecting an external feed water supply" (doc. IA_001-14).

When using a central demineralisation system

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The central demineralisation system is secured in accordance with EN 1717, Fluid category 5	<input type="checkbox"/>	<input type="checkbox"/>
The maximum permissible conductivity amounts to 5 µS/cm.	<input type="checkbox"/>	<input type="checkbox"/>
The feed water temperature amounts 5-35 °C.	<input type="checkbox"/>	<input type="checkbox"/>
The recommended flow pressure of the feed water connection amounts to 2-4 bar at 5 l/min.	<input type="checkbox"/>	<input type="checkbox"/>
To ensure fault-free operation a standing pressure of minimum 2 bar is applied to the feed water supply.	<input type="checkbox"/>	<input type="checkbox"/>

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. The signatories agree to the transfer of the checklist to MELAG for the preparation of the order, taking into account the GDPR.

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Signature/stamp customer service/stockist

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Signature/stamp practice/clinic