

Professional heating technology for industry and laboratory applications

## Accessories for heating mantles



### **Tripod series HM-DF**

for higher stability of the standard heating mantles, the application of the tripod is recommended. The heating mantle is hereby simply on its four clips in the tripod suspended.



### **Support ring series HM-TR**

to integrate the standard heating mantle within support wall, the application of the support ring is recommended. The heating mantle is able to be suspended on its four clips in the support ring. With a cross-clamp, the arm of the support ring can be fastened to the vertical or horizontal support wall.



### **Support clamp type HM-SK**

for metal-cased heating mantles and serial heating unit to fix support rods up to  $\text{Ø}13$  mm or to integrate the metal-cased heating mantles within support wall.





### **magnetic stirrer type HM-MR3000**

Magnetic stirrer with controller for standard heating mantles series WMO-G from 500 ml up to 4000 ml, for stirring the medium in a round glass flask (stirring bar required)

The heating mantle must be positioned on the top of the stirrer and the controllable heat together with the stir feature ensures equal heat transfer up to 450°C.

Also with input for contact thermometer digital and clamp for rod up to  $\varnothing$  12 mm.



**HM-PSA16** RCD (residual current detection) adapter  
Adapter for personal protection, the operation of heating mantles with RCD is imperative! This adapter is to switch between heating mantle and source of power socket.

Technical details:

- tripping current < 30 mA
- tripping time < 30 ms
- max. power load 3680 W (16A)
- system of protection IP44
- nominal voltage 230 V AC
- GS-tested



**HM-PSS16** RCD (residual current detection) plug  
Technical identical to HM-PSA16, but this RCD is to install fixed on the power supply cable instead the European schuko plug.

**Ordering details****Tripod series HM-DF**

Volume ml / l	Ring Ø mm	Height mm	Part.-No.
100	110	130	71000100
250	140	150	71000250
500	160	160	71000500
1	188	180	71001000
2	222	210	71002000
3	238	230	71003000
4	261	240	71004000
5	277	240	71005000
6	291	265	71006000
10	334	310	71010000
20	430	390	71020000

**Ordering details****Support ring series HM-TR**

Volume ml / l	Ring Ø mm	Arm length mm	Part.-No.
25	90	185	72000025
50	90	185	72000050
100	110	185	72000100
250	140	185	72000250
500	160	185	72000500
1	188	185	72001000
2	222	185	72002000
3	238	230	72003000
4	261	230	72004000

**Ordering details****Support clamp series HM-SK**

	for support rods up to Ø13 mm	Part.-No. 97000001
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**Ordering details RCD** (residual current detection)

Type		Part.-No.
HM-PSA16	RCD-adapter	97150200
HM-PSS16	RCD-plug	97150300

## Technical specification

## HM-MR3000

Nominal voltage	230 V AC
Max. switching power output	2300 VA / 10 A
Max. temperature range heating mantle	450°C
Rotational frequency	up to 1600 U/min
Stirring volume	500 ml up to 4000 ml
Stirring top	Ø 60 mm
Safety class	I
System of protection	IP 33
Output stereo sleeve	12V DC
Dimensions	120 x 165 x 240 mm (B x H x T)

## Ordering details

Type	Rotational frequency	Part.-No.
HM-MR3000	up to 1600 U/min	65003000

We supply a full range of controllers and temperature regulators:



Power controller HM-L116



Electronic laboratory regulator HM-RX1001



Electronic laboratory regulator HM-RX1004



Electronic laboratory regulator HM-RX4001

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