



ISOHEAT®



High Tech Engineering

LabHEAT® metal-cased heating mantles series KM-M

for operating temperatures up to 450°C

- for flasks, round bottom
- flexible glass yarn heating element
an even heat transfer and a gentle treatment of the glassware
- plastic-coated metal housing
characterised by a chemical-resistant metal housing providing excellent stability
- high quality design
made by hand work
- thermally insulated and earthed
thermed insulation prevents heat losses to the outside
- predrilled threaded hole on rear allows to fix the clamp KM-SK (accessories)
- with built-in heating zone switch
- with residual current detection (RCD)



Technical specification

KM-M

Nominal voltage	230 V AC
Nominal power output	see ordering details
Heating zones	see ordering details
Safety class	I
Heating element temperature	max. 450°C
Power supply cable	1,5 m with schuko-plug (earthed) and RCD switch

Heating-zone selection

Switch position	Min	Max
1 heating zone		
Power	1/2	1/1
2 heating zones		
Power	1/2	1/1

Ordering details

Volume ml/l	Flask* Ø mm	Power W	Heating zones	Dimensions Ø x H mm	Part.-No.
50	51	55	1	175 x 180	91000050
100	64	100	1	175 x 180	91000100
250	85	150	2	175 x 180	91000250
500	105	200	2	220 x 190	91000500
1	131	300	2	220 x 190	91001000
2	166	500	2	300 x 220	91002000
3	185	600	2	300 x 220	91003000
4	207	750	2	360 x 240	91004000
5	223	860	2	360 x 240	91005000
6	236	1000	2	360 x 240	91006000
10	279	1400	2	370 x 250	91010000
20	345	2000	2	440 x 270	91020000

* Schott Duran®

We also manufacture special heating mantles with other specifications - available on request

Accessories

Support clamp type KM-SK	Part.-No. 97000001
to fix support rods with diameter up to Ø 12 mm or to integrate the metal-cased heating mantles within support wall	

We supply also a full range of controllers and temperature regulators.