

HM- Series

The new Heating Mantle generation

Our HM Heating mantel is compliant with the latest standards and regulations.

It has been specially designed with a fully sealed heating element and chemical resistant housing making this spill proof.

The design ensures a continuous cool touch zone allowing you safety without burns.

The safety standards of the device comply with the new regulations:
EN 61010-1:2010 (IEC 61010-1:2013).

Advantages of the design

- A fully insulated heating element
- Spill proofed according to the new standard regulations
- More efficient heat transfer between heating element and flask
- Available for round flasks with sizes from 100ml to 1000ml
- "Cool Touch" touch the outside of the case during a reaction
- Maximum temperature of 450°C
- 10-position stepless temperature control
- LED indication to display ongoing operation
- Chemical resistant housing made of flame retardant ABS material
- High performance stirring function
- Grounded and with twin fused for greater safety



Thermo Analytic Development AB

Following sizes are available:

| Model Type (S = stirred) | Size | Bowl Ø | Voltage | Hz | Watts | Fuse rating |
|-----------------------------|---------|--------|------------|----------|------------|------------------|
| 0100-HM | 100 ml | 67 mm | 230 115 | 50 60 | 150 150 | F2A F2A |
| 0100-HM-S | 100 ml | 67 mm | 230 115 | 50 60 | 150 150 | F2A F3.15A |
| 0250-HM | 250 ml | 87 mm | 230 115 | 50 60 | 200 200 | F2A F3.15A |
| 0250-HM-S | 250 ml | 87 mm | 230 115 | 50 60 | 200 200 | F3.15A F3.15A |
| 0500-HM | 500 ml | 106 mm | 230 115 | 50 60 | 300 300 | F3.15A F5A |
| 0500-HM-S | 500 ml | 106 mm | 230 115 | 50 60 | 300 300 | F3.15A F5A |
| 1000-HM | 1000 ml | 136 mm | 230 115 | 50 60 | 400 400 | F3.15A F5A |
| 1000-HM-S | 1000 ml | 136 mm | 230 115 | 50 60 | 400 400 | F3.15A F5A |

Further Information

- Fuse type : 2 fuses per mantle - 20mm x 5mm Glass Quickblow
- Max. temperature : 450°C - 10 levels of temperature controll for more exact temperature regulation.
- Case construction : Flame retardant ABS
- Stirring models : Electromagnetic coils with sequential operation.
- Dimensions / Weight: 131mm (h) * 192 mm (w) * 290 mm (l) / 3,75 kg
- Ingress Rating : IP 32 ref BS EN60529/DIN 0470



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