

HEATING MANTLES

(50°C TO 450°C MAX)

DMS 633 and DMSB 633



Analogue and Digital Heating Mantles

- Models available to suit round bottom flasks or beakers
- Available with digital turn dial control
- In-built stirring function available for both flask and beaker models
- Light weight and easy to use
- Heating provided by an element in-built into ceramic fibre
- Max temperature range from 50°C to 450°C

External Sensor Set

Optional external sensor sets are available for the digital heating mantles only. Red spirit thermometers can be supplied with the analogue models if required.

PRODUCT DETAILS

These heating mantles are available to heat both round bottom flasks and beakers up to a maximum of 450°C. The mantle cases are constructed from powder coated aluminium and the control panels from moulded polypropylene. Effective heating is provided by a heating element inbedded into a ceramic fibre case. External sensors for added accuracy with temperature and time monitoring are also available.

SPECIFICATIONS

Digital Heating Mantles with Stirring, Round Bottom Flasks							
Model	Control Type	Stirring Speed (RPM)	Timer	Flask Capacity (ml)	Dimensions (WxDxH mm)	Power (W)	Weight (kg)
DMS 631	Digital PID Control for Temperature and Turn Dial for Speed	100 ~ 1500	99 hr, 59 min	100	162x256x149	80	2.3
DMS 632				250	162x256x162	150	2.4
DMS 633				500	192x276x177	260	2.7
DMS 634				1000	214x298x187	380	3
DMS 635				2000	248x332x214	500	3.6
DMS 636				3000	274x358x220	600	4.3
DMS 637				5000	316x400x244	800	4.7

Digital Heating Mantles with Stirring, Beakers							
Model	Control Type	Stirring Speed (RPM)	Timer	Beaker Capacity (ml)	Dimensions (WxDxH mm)	Power (W)	Weight (kg)
DMSB 632	Digital PID Control for Temperature and Turn Dial for Speed	100 ~ 1500	99 hr, 59 min	250	162x256x162	150	2.4
DMSB 633				500	192x276x177	260	2.7
DMSB 634				1000	214x298x187	380	3
DMSB 635				2000	248x332x214	500	3.6
DMSB 636				3000	274x358x220	600	4.3
DMSB 637				5000	316x400x244	800	4.7

Optional Accessories

Sensor set for digital models with clamp, rod and K-Type sensor

Note: According to the Drug Misuse and Trafficking Regulation 2011, Sales of Schedule 3 apparatus (Round bottom flask heating mantle capacity 500ml or greater)

A person (supplier) must not supply any Schedule 3 apparatus to a person (receiver) unless the receiver has furnished the supplier with proof of the receiver's identity and:

- (a) payment for the supply is made through an account that the receiver has with the supplier, or
- (b) the receiver has provided the supplier with an end user declaration.

The only proof of identity that may be used for the purposes of this clause is:

- (a) an Australian driver licence held by the receiver that displays a photograph of the receiver, or
- (b) an Australian passport, or
- (c) a Photo Card held by the receiver and issued under the Photo Card Act 2005.

Further information can be found at <https://www.legislation.nsw.gov.au/#/view/regulation/2011/451/part2/sec7>

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