

Digital Heating Mantle

with Stirrer

BlackDiamond™



- ▶ Designed for advanced Laboratory usage
- ▶ Control the temperature of subject in flask using probe
- ▶ Temperature control with digital display
- ▶ Celsius/Fahrenheit selection
- ▶ Mantle/Probe selection
- ▶ SS & Aluminium Construction
- ▶ For Round Bottomed Flasks as per DIN - 12347
- ▶ Glass fibre yarn knitted mantle provides uniform heating to flasks
- ▶ Innovative spill collect system enables collection of spillage in case of breakage of flasks
- ▶ Fewer parts give longer life
- ▶ Easy to use and maintains
- ▶ Provision to attach accessories
- ▶ Electronic stir speed control

Item Code 230 Volts/50Hz	Item Code 115 Volts/60Hz	Cap. (ml)	Watts	Dimension
1221.DNEU.01	1221.DNUS.01	100	220	167x240x182
1221.DNEU.02	1221.DNUS.02	250	220	167x240x182
1221.DNEU.03	1221.DNUS.03	500	270	217x287x203
1221.DNEU.04	1221.DNUS.04	1000	370	217x287x203
1221.DNEU.05	1221.DNUS.05	2000	520	309x390x262
1221.DNEU.06	1221.DNUS.06	3000	520	309x390x262
1221.DNEU.08	1221.DNUS.08	5000	670	309x390x262

Technical Specification

Heating Mantle Body	Made of SS & Aluminium
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 5000ml
Variable Speed Range	Approx. upto 800 RPM
Temperature Range	400°C
Control Accuracy	10%
Heating Control	Digital
Stir Control	Electronic
Dimension	168x240x182 (WxDxH)
Permissible Ambient Temperature	5- 40 °C
Permissible relative moisture	80%
IP Class	10

Included Accessories

Item Code	Accessories
1500.150.02	Magnetic Stirring bar 25 mm x 9 mm
850.800.01	SS Rod (400mm, Ø 12mm)
850.800.03	Moulded PT 100 Sensor probe Bosshead



*For lower volumes only.

The spill protect feature is provided in models upto 2000ml.

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