

New Equipment Report

Hotplate Magnetic Stirrers



Aluminium HOTPLATE

- 145 mm diam.
- 600 Watt
- Temperature range 50-325° C
- Speed-Range 50-1250 rpm

Economy

Model L-81

Capacity: 5 Ltr.

Standard

Model L-82

Capacity: 10 Ltr.

Large Capacity

Model L-83

Capacity: 20 Ltr.

Magnetic Stirrers

- Stainless Steel TOPPLATE
- 155 mm diameter
- Speed-Range 50-1250 rpm

Economy Model L-71

Stirring capacity: 5 Ltr.

Large Capacity Model L-73

Stirring capacity: 20 Ltr.

- Housing:** two-pieces housing, composed of a pressure moulded metal (aluminium) tophousing and a thermovacuum formed plastic (ABS) bottom
- Coating:** electrostatically applied powder coating; to be excellent corrosion resistant and strong
- M-10 threaded support rod connection** is available for thermometer support

20

Ltr.

Stirring Capacity

Standard/Large Hotplate Stirrers

- Stainless Steel Reflectors:** withstand heat transfer from the hotplates to the housing
- Bi-metallic, over-heating protection:** Operates undependant: shuts off heating at 350° C
- Hotplace Temperature:** regulated (50-325° C) Through thermocouple, directly on the hotplace
- "HOT" plate indication:** red indication-led Shows the hotplate-temperature risen above 50° C
- Thermometer connection:** DIN 5-pins 270°

Economy Hotplate Stirrers

- Stirring Motors: are of the AC-Motors type
- Temperature regulated with bulbthermostat
- Air circulation: provided through the housing

"LARGE CAPACITY" MODELS

- Stirring motors: are of the EC-motor type which are brushless electronical DC-motors
- Closed Housing:** withstands inside circulation of hazardous gasses/air (protects electronics)
- Large Stirring Capacity:** up to 20 Ltr.

Electronic Contact-Thermometer

Model LD-80

For use with Models L-82 and L-83 HOTPLATE STIRRERS
Including Pt-1000-probe (Ø3 mm L = 225 mm) and factory calibration certificate. Output open collector.

DIN connector 5 pin 270°. Range -50 - + 300° C

Ordering: cat.no. 80.000 (with stainless steel probe)
cat.no. 80.100 (with glass probe)

Support Rod

Model L-809

Complete set for thermometer support, including rod, clamb and extention for use with beakers larger then 5 Ltr.

Ordering: cat.no. 80.900

For: Details, ordering, specifications, catalog numbers: see opposite page



Hotplate Magnetic Stirrers (ordering)



Model	Model L-81	Model L-82	Model L-83
Cat. number	81000	82000	83000
Description	Economy Hotplate Stirrer	Standard Hotplate Stirrer	Large Hotplate Stirrer
Stirring capacity	5 ltr.	10 ltr.	20 ltr.
Motor rating in/out	22/2,2 W	22,2/2 W	13/5 W
Speed range	50-1250 rpm		
Heating surface	145 mm diam.		
Heating power	600 watt		
Hotplate material	ALSI 12		
Temperature-range	50-325° C		
Setting accuracy	+/- 15	+/- 3° C	
Electronic thermometer	N/A	LD-80	
Accuracy with sensor	N/A	+/- 0,5° K	
Fixed safety (undep.)	N/A	350° C	
"Hot" indication LED	N/A	50° C	
Weight	2,8 Kg		
Dimensions (wxdxh)	172 x 286 x 125 mm		
Permissible ambient	5 - 40° C		
Permissible humidity	80%		
Protection class	IP 42		
Voltage/Frequency	220V/50 Hz		

Magnetic Stirrers

Model	Model L-71	Model L-73
Cat. number	71000	73000
Description	Economy Magnetic Stirrer	Large Capacity Magnetic Stirrer
Stirring surface	155 mm diam.	Stainless Steel
Stirring capacity	5 ltr.	20 ltr.
Motor rating	22/2,2 W	13/5 W
Speed range	100-1250 rpm	
Weight	2,2 Kg	
Dimensions (wxdxh)	172 x 286 x 80 mm	
Permissible ambient	5 - 50° C	
Permissible humidity	90%	
Protection class	IP 42	
Voltage/Frequency	220V/50 Hz	





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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

