



JENWAY

Hotplate/ Stirrers

All three ranges of Jenway stirrers, hotplates and hotplate stirrers have a chemically resistant ceramic top plate which makes them suitable for any application. The 1200 range offers a larger heating area for those who need to heat larger vessels or sample volumes and for those customers requiring increased accuracy, PTR temperature probes are available, allowing the actual sample temperature to be measured.

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Hotplates, Stirrers and Hotplate/Stirrers

- Chemically resistant ceramic top plate
- Easy to clean
- Accurate heat control
- Powerful stirring action
- Larger plate and PTR probe options

Jenway have 3 ranges of hotplate, stirrers and combined hotplate/stirrers, all with ceramic top surfaces and with the hotplates having a maximum plate temperature of 450°C. The 1000 series are economic units that offer the performance required for even the most demanding applications with a powerful stirring action of up to 2000rpm. The units in the 1100 and 1200 ranges offer greater accuracy in temperature control and the option of a PTR temperature probe for accurate sample temperature control. The 1200 units also have a larger plate area for larger sample volumes.

Technical Specification

Hotplates	1001	1201
Maximum plate temperature	>450°C	>450°C
Temperature accuracy	±5°C	±5°C
Power	500W	1200W
Plate dimensions (mm)	210 x 210	290 x 290
Heated area (mm)	150 x 150	200 x 200
Size (w x d x h)	225 x 340 x 85	305 x 410 x 85
Weight	4.2kg	7kg

Stirrers	1002
Stirrer speed	0 to 2000rpm
Power	50W
Plate dimensions	210 x 210mm
Heated area	150 x 150mm
Size (w x d x h)	225 x 340 x 85
Weight	4.2kg

Ordering Information

Part Code	Description
100 171	1001 hotplate (230V/50/60Hz)
120 101	1201 hotplate (230V/50/60Hz)
100 271	1002 stirrer supplied with stirrer bar (230V/50/60Hz)



1002 Stirrer

Hotplates, Stirrers and Hotplate/Stirrers

Hotplate/Stirrers	1000	1100	1200
Maximum plate temperature	>450°C	>450°C	>450°C
Temperature accuracy	±1°C	±1°C	±1°C
Power	500W	500W	1200W
Plate dimensions (mm)	210 x 210	210 x 210	290 x 290
Heated area (mm)	150 x 150	150 x 150	200 x 200
Stirrer speed (rpm)	0 to 2000	100 to 1200	100 to 1200
Size (w x d x h)	225 x 340 x 85	225 x 340 x 85	305 x 410 x 85
Weight	4.2kg	4.5kg	7kg

Hotplate/Stirrers/PTR	1103	1203
Maximum plate temperature	>450°C	>450°C
Temperature accuracy	±1°C	±1°C
PTR probe range	0 to 200°C	0 to 200°C
PTR probe accuracy	±0.5°C	±0.5°C
Power	500W	1200W
Plate dimensions	210 x 210mm	290 x 290mm
Heated area	150 x 150mm	200 x 200mm
Stirrer speed	0 to 2000rpm	100 to 1200rpm
Size (w x d x h)	225 x 340 x 85	305 x 410 x 85
Weight	4.2kg	7kg

Ordering Information

Part Code	Description
100 071	1000 hotplate/stirrer supplied with stirrer bar (230V/50Hz)
110 001	1100 hotplate/stirrer supplied with stirrer bar (230V/50Hz)
120 001	1200 hotplate/stirrer supplied with stirrer bar (230V/50Hz)
110 301	1103 hotplate/stirrer supplied with stirrer bar, temperature probe, probe holder and retort rod (230V/50Hz)
120 301	1203 hotplate/stirrer supplied with stirrer bar, temperature probe, probe holder and retort rod (230V/50Hz)

Hotplate/Stirrer Accessories

Ordering Information

Part Code	Description
100 122	Retort stand
027 288	PTR temperature probe for 1103 and 1203
100 123	Probe holder assembly
060 138	Stirrer bar