



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.

Page 36 - Hotplates, Stirrers and Hotplate Stirrers

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 |



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)1245 600560

Fax: +44 (0)1245 600030

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.