## Mgital PLATEC

## HP-1D series, Digital Hotplates

These Clifton® digital hotplates feature precision PID control providing degree by degree temperature setting and control.

Featuring a hob surface overlaps the body to ensure that no spillages enter the controls. The hob is solid aluminium for excellent thermal properties and even heat distribution over its working area.

We verify the performance of each Hotplate calibrating its controls and hob temperature.


| Cat No. | HP1-1D | HP1-2D |
| :---: | :---: | :---: |
| Temperature range | ambient $+10^{\circ} \mathrm{C}-350^{\circ} \mathrm{C}$ |  |
| Temperature control | PID digital, LED display, resolution $1^{\circ} \mathrm{C}$ |  |
| Uniformity | $\pm 0.5^{\circ} \mathrm{C} @ 60^{\circ} \mathrm{C}$ |  |
| Sensitivity | $\pm 0.5^{\circ} \mathrm{C} @ 60^{\circ} \mathrm{C}$ |  |
| Timer | variable, $00 \mathrm{hrs}: 01 \mathrm{mins}$ - $99 \mathrm{hrs}: 59 \mathrm{mins}$ |  |
| Heater, Watts | 1000W | 2000W |
| Retort points | single M10 fixing point | double M10 fixing points |
| Hotplate dimensions | $305 \mathrm{w} \times 240 \mathrm{dmm}$ | $457 \mathrm{w} \times 305 \mathrm{~d} \mathrm{~mm}$ |
| Overall dimensions | $305 \mathrm{w} \times 240 \mathrm{~d} \times 200 \mathrm{hmm}$ | $457 \mathrm{w} \times 305 \mathrm{~d} \times 200 \mathrm{hmm}$ |
| Voltage |  | 230 V |

## Features Include:

* Accepts standard laboratory retort rods for scaffolding to be constructed.
* Solid aluminium top plate with excellent thermal properties.
* Hob overlaps the controls ensuring spillage's do not ingress into controls.
* Settings for temperature control only or a combination of temperature and time. Timer commences on hob reaching set temperature.
* Auto setting over temperature alarm.


HP1-3D
ambient $+10 \mathrm{C}-350^{\circ} \mathrm{C}$
PID digital, LED display, resolution $1^{\circ} \mathrm{C}$

$$
\begin{aligned}
& \pm 0.5^{\circ} \mathrm{C} @ 60^{\circ} \mathrm{C} \\
& \pm 0.5^{\circ} \mathrm{C} @ 60^{\circ} \mathrm{C}
\end{aligned}
$$

00hrs:01mins - 99hrs:59mins
2400W
double M10 fixing points

## 686w x 305d mm

$690 \mathrm{w} \times 305 \mathrm{~d} \times 200 \mathrm{hmm}$
230 V

## ACCESSORIES

## for HP-1D series

## SANDBATH KITS

These kits provide a frame for sand to be contained on the hotplate allowing vessels to be heated from the base and sides being partially immersed in sand.

| Cat. No. | Description |
| :--- | :--- |
| SB1-1 | Sand bath kits for HP1-1 and HP1-1D Hotplates. |
| SB1-2 | Sand bath kits for HP1-2 and HP1-2D Hotplates. |
| SB1-3 | Sand bath kits for HP1-3 and HP1-3D Hotplates. |

RETORT RODS FOR LABORATORY SCAFFOLDING
These retort rods with M10 fixing fit retort points at rear of each hotplate and with laboratory clamps hold hot vessels safely and securely in use. They also provide basis for affixing laboratory scaffolding to the hotplate.

| Cat. No. | Description |
| :--- | :--- |
| 8611 | Retort Rod-aluminium $-600 \mathrm{~mm} \times 12 \mathrm{~mm}$ diameter |
| 8614 | Retort Rod-aluminium $-500 \mathrm{~mm} \times 10 \mathrm{~mm}$ diameter |
| 8624 | Retort Rod - stainless steel $-500 \mathrm{~mm} \times 10 \mathrm{~mm}$ diameter |
| 8631 | Retort Rod - mild steel $-600 \mathrm{~mm} \times 12.5 \mathrm{~mm}$ diameter |
| 8632 | Retort Rod - mild steel $-750 \mathrm{~mm} \times 12.5 \mathrm{~mm}$ diameter |
| 8633 | Retort Rod - mild steel $-1000 \mathrm{~mm} \times 12.5 \mathrm{~mm}$ diameter |
| 8634 | Retort Rod - mild steel $-500 \mathrm{~mm} \times 12.5 \mathrm{~mm}$ diameter |



MISCELLANEOUS
CAL Calibration Record


## Wolf Laboratories Limited

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Wolflabs



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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.


