

Techne® Dri-Block® heaters at a glance

Techne® have been manufacturing Dri-Block® heaters for almost 50 years. The 2014 model has some innovative new features and a modern new look. Techne® Dri-Block® heaters cover the temperature range from ambient +5°C to 100°C or 200°C (depending on model) using machined aluminium alloy Dri-Block® inserts as the heat transfer medium. Independent indicator lights indicate mains power, heater action and over-temperature cut-out. An On/Off switch is mounted on the rear panel, together with the mains connector and fuse holder.

Electrical safety

The Dri-Block® range has been designed to comply with RF interference and electrical safety regulations.

Warranty

Techne® Dri-Block® heaters have earned a strong reputation for reliability. All instruments are supplied with a 3 year warranty. The anodised aluminium Dri-Block® inserts are supplied with a 1 year warranty.



100°C Dri-Block®

100°C Dri-Block®

200°C Dri-Block®

Model (230V)	DB100/4	DB100/3	DB100/2	DB100/2TC	DB200/2	DB200/3
Model (115V)	DB100/4/115	DB100/3/115	DB100/2/115	DB100/2TC/115	DB200/2/115	DB200/3/115
Number of insert blocks	4	3	2	2	2	3
5 character LED display	•	•	•	•	•	•
Working temperature range	Ambient +5°C to 100°C	Ambient +5°C to 100°C	Ambient +5°C to 100°C	Ambient +5°C to 100°C	Ambient +5°C to 200°C	Ambient +5°C to 200°C
Minimum set temperature	0°C	0°C	0°C	0°C	0°C	0°C
Set point resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Set point accuracy at 37°C	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Set point accuracy at 100°C	±1°C	±1°C	±1°C	±1°C	±1°C	±1°C
Temperature stability at 37°C	±0.1°C	±0.1°C	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Temperature stability at 100°C	±0.15°C	±0.15°C	±0.15°C	±0.15°C	±0.15°C	±0.15°C
Maximum temperature variation within a block	0.2°C at 37°C, 0.25°C at 100°C	0.2°C at 37°C, 0.25°C at 100°C	0.2°C at 37°C, 0.25°C at 100°C	0.2°C at 37°C, 0.25°C at 100°C	0.2°C at 37°C, 0.25°C at 100°C	0.2°C at 37°C, 0.25°C at 100°C
Maximum temperature variation between similar blocks	0.5°C at 37°C, 0.5°C at 100°C	0.5°C at 37°C, 0.5°C at 100°C	0.5°C at 37°C, 0.5°C at 100°C	0.5°C at 37°C, 0.5°C at 100°C	0.5°C at 37°C, 0.5°C at 100°C	0.5°C at 37°C, 0.5°C at 100°C
Heat up time 25°C to 100°C	7 minutes	7 minutes	8 minutes	8 minutes	8 minutes	9 minutes
Heat up time 25°C to 200°C	n/a	n/a	n/a	n/a	23 minutes	19 minutes
Audible beeps	•	•	•	•	•	•
Minimum / Maximum countdown timer	1min / 99h59min	1min / 99h59min	1min / 99h59min	1min / 99h59min	1min / 99h59min	1min / 99h59min
Safety over-temp cut-out	Thermal fuse	Thermal fuse	Thermal fuse	Thermal fuse	Thermal fuse	Thermal fuse
Overall dimensions (W x D x H), mm	356 x 260 x 105	279 x 260 x 105	202 x 260 x 105	279 x 260 x 105	202 x 260 x 105	279 x 260 x 105
Electrical supply	230V or 115V, 50-60Hz	230V or 115V, 50-60Hz	230V or 115V, 50-60Hz	230V or 115V, 50-60Hz	230V or 115V, 50-60Hz	230V or 115V, 50-60Hz
Power	600W	450W	300W	300W	300W	450W
Shipping weight	7kg	6kg	5kg	5kg	5kg	6kg
3 year warranty	•	•	•	•	•	•

230V Ordering Information

Part number	Model number	Description
DB100/2	DB100/2	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 2 blocks (230V)
DB100/2TC	DB100/2TC	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 2 blocks twin control (230V)
DB200/2	DB200/2	Techne Dri-Block® heater. Ambient + 5°C to 200°C, 2 blocks (230V)
DB200/3	DB200/3	Techne Dri-Block® heater. Ambient + 5°C to 200°C, 3 blocks (230V)
DB100/3	DB100/3	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 3 blocks (230V)
DB100/4	DB100/4	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 4 blocks (230V)

115V Ordering Information

Part number	Model number	Description
DB100/2/115	DB100/2/115	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 2 blocks (115V)
DB100/2TC/115	DB100/2TC/115	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 2 blocks twin control (115V)
DB200/2/115	DB200/2/115	Techne Dri-Block® heater. Ambient + 5°C to 200°C, 2 blocks (115V)
DB200/3/115	DB200/3/115	Techne Dri-Block® heater. Ambient + 5°C to 200°C, 3 blocks (115V)
DB100/3/115	DB100/3/115	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 3 blocks (115V)
DB100/4/115	DB100/4/115	Techne Dri-Block® heater. Ambient + 5°C to 100°C, 4 blocks (115V)