



3 Position Dri-Block Heaters

Techne's Dri-block® heaters provide a safe, dry, constant temperature source in the laboratory. The units are particularly suitable for microbiology and clinical laboratories for incubation, boiling, inactivation, wet ashing, sample concentration, enzyme analysis and many other clinical and industrial purposes.

- Very accurate temperature control
- Analogue or digital control
- Wide range of interchangeable aluminium blocks
- Blocks available as accessories for all applications - tubes, vials and microplates
- Block extraction tool is supplied, allowing blocks to be removed easily
- 3-year warranty as standard

DB-3

- The DB-3 is designed to hold up to 3 aluminium insert blocks or one 96-well plate block
- Analogue: temperature setting is by a calibrated dial
- Temperature range from ambient to 100°C
- Fast heat-up rate: 30°C to 100°C in just 18 minutes
- Temperature stability at 40°C: $\pm 0.05^\circ\text{C}$

DB-3A

- Temperature range from ambient to 200°C for higher temperature applications
- Can hold up to 3 aluminium insert blocks or one 96-well plate block
- Analogue: temperature setting is by a calibrated dial
- Powerful heater for fast heat-up rate: 30°C to 200°C in just 30 minutes
- Temperature stability at 40°C: $\pm 0.1^\circ\text{C}$

DB-3D and DB-3DL

- Can hold up to 3 aluminium insert blocks or one 96-well plate block
- Bright orange LED digital display for fast and accurate setting of temperature
- DB-3DL temperature range from ambient to 100°C and DB-3D up to 200°C
- Powerful heater for fast heat-up rate: 30°C to 200°C in just 25 minutes
- Interchangeable insert blocks to accommodate a variety of tubes
- Temperature stability at 40°C: $\pm 0.1^\circ\text{C}$

Technical Specification

Parameter	DB-3	DB-3A	DB-3DL	DB-3D
Temperature range	Ambient to 100°C	Ambient to 200°C	Ambient to 100°C	Ambient to 200°C
Maximum no. of blocks	3	3	3	3
Temperature stability @ 40°C	$\pm 0.05^\circ\text{C}$	$\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$
Temperature stability @ 100°C	$\pm 0.1^\circ\text{C}$	$\pm 0.15^\circ\text{C}$	$\pm 0.15^\circ\text{C}$	$\pm 0.15^\circ\text{C}$
Temperature setting	Rotary knob	Rotary knob	Push Button	Push Button
Temperature scale graduation	2°C	2°C	No graduation	No graduation
Temperature display	NA	NA	Orange 4 digit LED	Orange 4 digit LED
Maximum variation between identical blocks @ 40°C	0.2°C	0.2°C	0.2°C	0.2°C
Set point accuracy	$\pm 2^\circ\text{C}$	$\pm 2^\circ\text{C}$	$\pm 1^\circ\text{C}$	$\pm 1^\circ\text{C}$
Heat up time: 30 to 37°C	8	8	8	11
Heat up time: 30 to 56°C	12	12	9	15
Heat up time: 30 to Maximum	18	30	12	25
RS232 option available	No	No	No	Yes

Heater power	450W	450W	450W	450W
Power supply	230V 50-60Hz	230V 50-60Hz	230V 50-60Hz	230V 50-60Hz
Dimensions L x W x H (mm)	279x260x105	279x260x105	279x260x105	279x260x105
Shipping Weight	6kg	6kg	6kg	6kg

Ordering Information

Product Code	Description
FDB03OD	DB-3 ambient to 100°C, requires 3 Insert blocks
FDB03AD	DB-3A ambient to 200°C, requires 3 Insert blocks
FDB03LDD	DB-3DL ambient to 100°C, requires 3 Insert blocks
FDB03DD	DB-3D ambient to 200°C, requires 3 Insert blocks
FDB03DDR	DB-3D + RS232 ambient to 200°C, requires 3 Insert blocks

Block inserts need to be purchased separately.

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