



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-3

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 100°C in just 12 minutes
- Temperature stability at 40°C: $\pm 0.1^\circ\text{C}$



DB-3A

DB-3D

- 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
- Temperature range from 25°C 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: $\pm 0.1^\circ\text{C}$



DB-3D

Technical Specification

	DB-3	DB-3A	DB-3D
Temperature range	Ambient - 100°C	Ambient - 200°C	ambient - 200°C
Temperature stability	@ 40°C $\pm 0.05^\circ\text{C}$ @ 100°C $\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$ $\pm 0.15^\circ\text{C}$	$\pm 0.1^\circ\text{C}$ $\pm 0.15^\circ\text{C}$
Temperature setting	Rotary knob	Rotary knob	Push Button
Temperature scale graduation	2°C	2°C	No graduation
Maximum temperature variation between identical blocks	@ 40°C 0.2°C	0.2°C	0.2°C
Set point accuracy	$\pm 2^\circ\text{C}$	$\pm 2^\circ\text{C}$	$\pm 1^\circ\text{C}$
Maximum number of blocks	3	3	3
Heat up time, minutes	30-37°C 8 30-56°C 12 30-Max. 18	8 12 30 30	11 15 25
RS232 option available	No	No	Yes
Power supply	230V, 50 Hz	230V, 50 Hz	230V, 50 Hz
Overall size L x W x H (mm)	279 x 260 x 105	279 x 260 x 105	279 x 260 x 105

Ordering Information

Product Code	Description
FDB030D	DB-3 ambient to 100°C, requires 3 insert blocks
FDB03AD	DB-3A ambient to 200°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