

# Dri-Block® heaters

## DB-3D & 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

	DB-3D	DB-3DL
Temperature range	Ambient to 200°C	Ambient to 100°C
Temperature stability @ 40°C	$\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$
Temperature stability @ 100°C	$\pm 0.15^\circ\text{C}$	$\pm 0.15^\circ\text{C}$
Temperature setting	Push Button	Push Button
Temperature display	Orange LED	Orange LED
Temperature scale graduation	No graduation	No graduation
Maximum temperature variation between identical blocks @ 40°C	0.2°C	0.2°C
Set point accuracy	$\pm 1^\circ\text{C}$	$\pm 1^\circ\text{C}$
Maximum number of blocks	3	3
Heat up time 30-37°C	11 minutes	8 minutes
30-56°C	15 minutes	9 minutes
30-Max.	25 minutes	12 minutes
RS232 option available	Yes	No
Heater power	450W	450W
Dimensions L x W x H (mm)	279 x 260 x 105	279 x 260 x 105
Voltage	230V, 50-60Hz	230V, 50-60Hz
Shipping Weight	6kg	6kg

### Ordering Information

Product Code	Description
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

## DB-4D

- Can hold up to 4 aluminium insert blocks or two 96-well plate blocks
- Bright orange LED digital display for fast and accurate setting of temperature
- Temperature range from ambient to 100°C
- Powerful heater for fast heat-up rate: 30°C to 100°C in just 15 minutes
- Interchangeable insert blocks to accommodate a variety of tubes
- Temperature stability at 40°C:  $\pm 0.1^\circ\text{C}$

### Technical Specifications

	DB-4D
Temperature range	Ambient to 100°C
Temperature stability @ 40°C	$\pm 0.1^\circ\text{C}$
Temperature setting	Push button
Temperature display	Orange LED, 4 digits
Uniformity within block @ 40°C	0.1°C
Uniformity within block @ 100°C	0.1°C
Set point accuracy	$\pm 1^\circ\text{C}$
Maximum number of blocks	4
Heat up time, minutes 30-37°C	13
30-56°C	11
30-Max.	15
Heater power	600W
Dimensions L x W x H (mm)	356 x 260 x 105
Voltage	230V, 50-60Hz
Shipping Weight	7kg

### Ordering Information

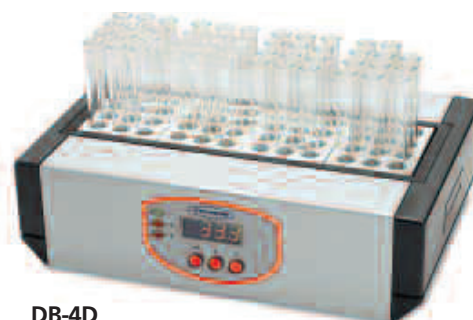
Product Code	Description
FDB04DD	DB-4D ambient to 100°C, requires 4 insert blocks
FDB04DDR	DB-4D + RS232 ambient to 100°C, requires 4 insert blocks



DB-3DL



DB-3D



DB-4D