DB-3

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: ± 0.05°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: ± 0.1°C

Technical Specification

		DB-3	DB-3A
Temperature range		Ambient to 100°C	Ambient to 200°C
Temperature stability @ 40°C		±0.05°C	±0.01°C
	@ 100°C	±0.1°C	±0.15°C
Temperature setting		Rotary knob	Rotary knob
Temperature scale graduation		2°C	2°C
Maximum temperature variation between identical blocks @ 40°C		0.2°C	0.2°C
Set point accuracy		±2°C	±2°C
Maximum number of blocks		3	3
Heat up time	30-37°C	8 minutes	8 minutes
	30-56°C	12 minutes	12 minutes
	30-Max.	18 minutes	30 minutes
RS232 option available		No	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

DB-3A

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

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: ± 0.1°C

DB-3DL

DB-3D

Technical Specification

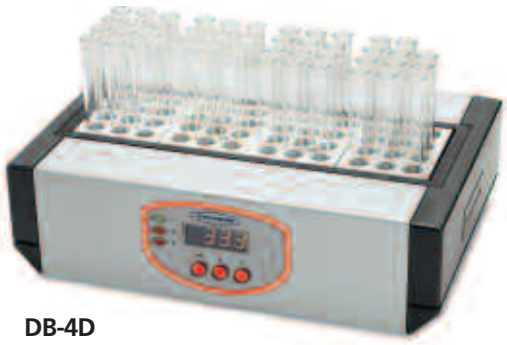
		DB-3D	DB-3DL
Temperature range		Ambient to 200°C	Ambient to 100°C
Temperature stability @ 40°C		±0.1°C	±0.1°C
	@ 100°C	±0.15°C	±0.15°C
Temperature setting		Push Button	Push Button
Temperature display		Orange LED	Orange LED
Temperature scale graduation		No graduation	No graduation
Maximum temperature variation between identical blocks @ 40°C		0.2°C	0.2°C
Set point accuracy		±1°C	±1°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: ±0.1°C



DB-4D

Technical Specifications

		DB-4D
Temperature range		Ambient to 100°C
Temperature stability @ 40°C		±0.1°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		±1°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

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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.