

Dry block heaters » BTD fixed block system

# BTB fixed block system for microtubes

Stability and uniformity  $\pm 0.1^{\circ}\text{C}$ , range ambient  $+5^{\circ}\text{C}$  to  $100^{\circ}\text{C}$

A compact and flexible fixed block system for rapid and precise heating of microtubes up to  $100^{\circ}\text{C}$ .

- Digital temperature control for optimum precision
- Stability:  $\pm 0.1^{\circ}\text{C}$
- Uniformity:  $\pm 0.1^{\circ}\text{C}$
- Temperature range: ambient  $+5^{\circ}\text{C}$  to  $100^{\circ}\text{C}$ , with rapid heat-up time
- Capacity for up to 49 microtubes in a combination of four common sizes
- Integral timer



**Heating block holds combinations** of four microtube sizes simultaneously – up to a total of 49 tubes:

- 24 x 1.5/2.0 ml
- 15 x 0.5 ml
- 10 x 0.2 ml

**2-line display** for simple and precise setting of temperature/time showing actual and preset values.



**Powerful heater** for rapid heat-up times.

- $25^{\circ}$  to  $37^{\circ}\text{C}$  in just 4 minutes
- $25^{\circ}$  to  $100^{\circ}\text{C}$  in just 15 minutes


**Sturdy, durable, easy-to-clean** plastic outer case; compact design with small footprint.

**Convenient integral timer** for time-sensitive incubations.

## Applications:

- Life-science/cancer research - DNA extraction incubations, DNA denaturation, PCR, ELISA and Western blotting, molecular biology
- General - heating samples

Dry block heating systems with fixed microtube blocks – model and specifications

		Digital control
		BTD
		 <p>h: 115mm d: 230mm w: 210mm weight: 2.8kg</p>
Stability	±°C	0.1
Uniformity	@ 37°C ±°C	0.1
Capacity	ml	Fixed block for 0.2 x10, 0.5 x15 & 1.5/2.0 x24 microtubes
Temperature control range	°C	ambient +5 to 100
Temperature setting range	°C	25 to 100
Setting resolution	°C	0.1
Temperature display		2 line x 16 character LCD
Heat up time	25°C to 37°C	4 mins
	25°C to 100°C	15 mins
Timer		1 min to 96 hours (increments of 1 min)
Power consumption (230V)	W	200 (0.87A)
Nominal operating voltage	V	120 or 230 (50/60Hz)
Safety	over temperature cut-out	thermal fuse