

Bio TDB-100 & TDB-120, Dry Block Thermostats

DESCRIPTION

Bio TDB-100 / TDB-120 – compact, easy-to-use thermostat for Eppendorf type micro tubes. It is specially designed for long incubation at different temperatures. Thermostat has undeniable advantage working with microquantities of reagents in microtubes. The thermostat possesses unprecedentedly high precision and uniformity of temperature distribution over the block.

With the help of the software-enabled temperature calibration function, the user can calibrate the unit in the range of several percent of the selected temperature to compensate differences in the thermal behaviour of tubes from different manufacturers.

1 Block for Bio TDB-100



Basic Plus
Product Class



HEAT UP TIMES FOR BIO TDB-100



BLOCKS (BUILT IN) SPECIFICATIONS:

Bio TDB-100

- 1 Block 24×2/1.5 ml + 15×0.5 ml + 10×0.2 microtubes

TDB-120

- 2 Block A-53 21×0.5 ml + 32×1.5 ml microtubes
- 3 Block A-103 21×0.5 ml + 32×1.5 ml + 50×0.2 ml microtubes

HEAT UP TIMES FOR TDB-120



Basic Plus
Product Class



Bio TDB-100 and TDB-120, Dry Block Thermostats

SPECIFICATIONS

	Bio TDB-100	TDB-120
Temperature setting range	+25°C ... +100°C	+25°C ... +120°C
Temperature control range	5°C above ambient ... +100°C	5°C above ambient ... +120°C
Temperature setting resolution	0.1°C	
Temperature stability	±0.1°C	
Temperature uniformity @ +37°C	±0.1°C	
Temperature calibration coefficient range	0.936 – 1.063 (± 0.063)	0.968 – 1.031 (± 0.031)
Digital time setting	1 min. – 96 hrs /non-stop (increment 1 min)	
Display	LCD, 2 × 16 signs	
Block capacity	24 × 2/1.5 ml + 15 × 0.5 ml + 10 × 0.2 ml microtubes	A-53 21 × 0.5 ml + 32 × 1.5 ml microtubes A-103 21 × 0.5 ml + 32 × 1.5 ml + 50 × 0.2 ml microtubes
Overall dimensions (W × D × H)	210 × 230 × 115 mm	230 × 210 × 110 mm
Weight	2.8 kg	
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz	
Power consumption	200 W (870 mA)	

ORDERING INFORMATION:

Cat. number

- Bio TDB-100** with built-in block
- TDB-120** with built-in block **A-103**
- TDB-120** with built-in block **A-53**

- BS-010412-AAA
- BS-010401-QAA
- BS-010401-PAA



2 Block A-53

3 Block A-103

