Biosan SIA., Ratsupites 7, build. 2, Riga, LV-1067, Latvia, Phone: +371 674 261 37, Fax: +371 674 281 01,
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TDB-120, Dry block thermostat

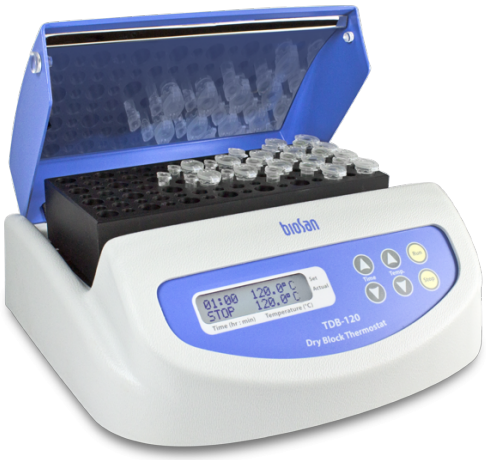
Basic Plus
Product Class

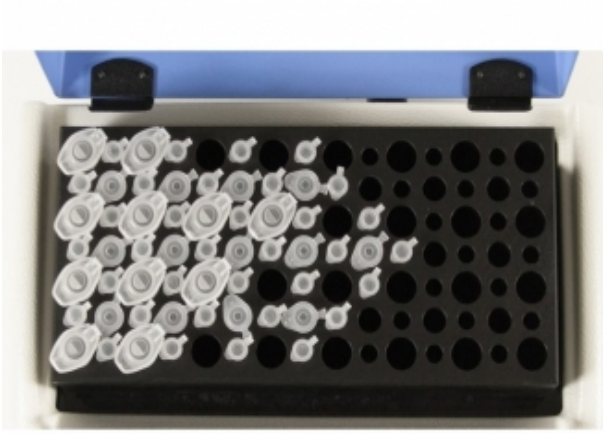
DESCRIPTION

TDB-120 is a traditional Biosan's dry block thermostat for laboratory analysis. Thermostat is designed for maintaining constant temperature of samples in tubes inserted in the aluminium block sockets. Unprecedented high precision and uniformity of temperature over the block. **TDB-120** is widely used for PCR–analysis.
Microprocessor controlled temperature and time. Simultaneous indication of set and actual temperature and time.
Blocks (built in) specifications:
Two models are available offering a choice of tube configurations to meet the needs of many standard laboratory procedures:

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

Block A-53
21 × 0.5 ml + 32 × 1.5 ml microtubes





SPECIFICATION

Temperature setting range	+25°C ... +120°C
Temperature control range	5°C above ambient ... +120°C
Temperature setting resolution	0.1°C
Temperature stability at +37°C	±0.1°C
Temperature uniformity at +37°C	±0.1°C
Temperature calibration coefficient range	0.968...1.031 (± 0.031)
Display	LCD, 2x16 signs
Digital time setting	1 min–96 hrs (increment 1 min)
Overall dimensions (W×D×H)	230 × 210 × 110 mm
Weight	2.8 kg
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz
Power consumption (230 V)	200 W (870 mA)

CAT. NR.

	TDB-120 with block A-53 incl. power plug
BS-010401-PAA	230VAC 50/60Hz Euro plug
BS-010401-PAB	230VAC 50/60Hz UK plug
BS-010401-PA3	230VAC 50/60Hz AU plug
BS-010401-PAC	100VAC 50/60Hz US plug
BS-010401-PAC	120VAC 60Hz US plug

	TDB-120 with block A-103 incl. power plug
BS-010401-QAA	230VAC 50/60Hz Euro plug
BS-010401-QAB	230VAC 50/60Hz UK plug
BS-010401-QA3	230VAC 50/60Hz AU plug

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TDB-120, Dry block thermostat

Basic Plus
Product Class

Medical–Biological
Research & Technologies

BS-010401-QAC	100VAC 50/60Hz US plug
BS-010401-QAC	120VAC 60Hz US plug

BS-010401-CK	IQ OQ document
BS-010401-DK	PQ document