

# TDB-120, Dry block thermostat

## 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 + 52 × 0.2 ml microtubes

### Block A-53

21 × 0.5 ml + 32 × 1.5 ml microtubes

## SPECIFICATIONS

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)
Digital time setting	1 min–96 hrs / non–stop (increment 1 min)
Timer sound signal	+
Display	LCD, 2x16 signs
Overall dimensions (W×D×H)	230 × 210 × 110 mm
Weight	2.8 kg
Power consumption (230 V)	200 W (870 mA)
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz



## CAT. NUMBER

<b>With block A-53</b>	With block A-53
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, 120VAC 60Hz US plug
<b>With block A-103</b>	With block A-103
BS-010401-QAA	230VAC 50/60Hz Euro plug
BS-010401-QAB	230VAC 50/60Hz UK plug
BS-010401-QA3	230VAC 50/60Hz AU plug
BS-010401-QAC	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
BS-010401-CK	IQ OQ document
BS-010401-DK	PQ document