

Dry Block Thermostat TDB-120

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.



Blockvariants

The blocks are permanently installed in the unit and cannot be changed. Please select the appropriate block when ordering.

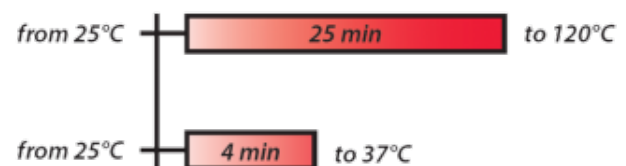
Block A-103

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

Heat up times for TDB-120

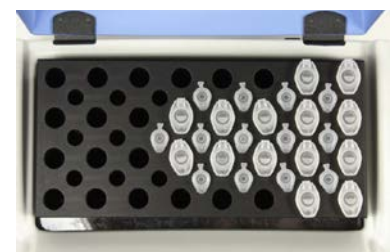


Technical Data

Temperature setting range	+25°C bis +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 bis 1.031 (± 0.031)
Display	LCD, 2 x 16 signs
Timer sound signal	yes
Digital time setting	1 min – 96 hrs (increment 1 min)
Overall dimensions (W×D×H)	230 x 210 x 110 mm
Weight	2.8 kg
Nominal operating voltage	230 V, 50/60 Hz
Power consumption (230 V)	200 W (870 mA)
Order Number	104.1830



Block A-103



Block A-53