

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

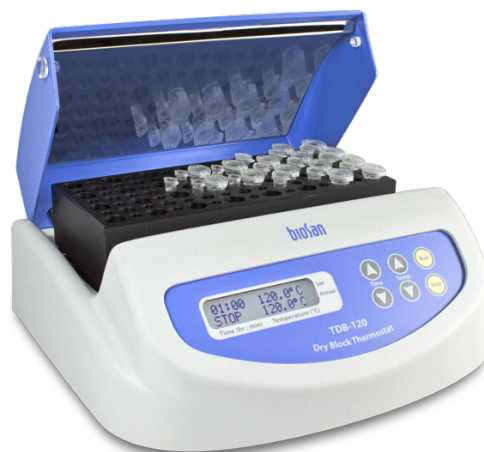
21 × 0.5 ml + 32 × 1.5 ml + 50 × 0.2 ml microtubes

Block A-53

21 × 0.5 ml + 32 × 1.5 ml microtubes

SPECIFICATION

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|---|------------------------------------|
| 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.

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|---------------|---|
| | 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 |
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| | 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 |

TDB-120, Dry block thermostat



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|---------------|------------------------|
| BS-010401-QAC | 100VAC 50/60Hz US plug |
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| BS-010401-QAC | 120VAC 60Hz US plug |
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| BS-010401-CK | IQ OQ document |
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| BS-010401-DK | PQ document |
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