



Dry bath incubator LD-LDBI-B10

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Overview

Dry bath incubator LD-LDBI-B10 series is a microprocessor-controlled incubator unit with a temperature range of 5°C to 120°C. Features an aluminium heating block for rapid heating of samples, adding to its usage as a mini water bath. Temperature sensor allows direct temperature control in the sample vessel. Control knob aids in regulation of speed and temperature with maintenance of temperature uniformity at 0.2°C and 0.5°C. Integrated with a safety circuit for end user protection.

Features:

- Single block model
- LED display for visualizing time and temperature
- Control knob - for regulating speed and temperature
- Displays temperature and time
- Displays error code for irregularity in temperature
- Multiple interchangeable blocks for processing different sample concentrates
- External temperature sensor for automatic calibration
- Fixed safety circuit (user safety)

Applications:

Used for In-Vitro diagnostic of specimens such as enzyme reaction, incubation and activation processes, coagulation studies, restriction digest and polymerase chain reaction, Hot Start thermocycler reactions.

Specifications:

Weight	1.5 kg
Voltage	220 V - 240 V / 115 V
Frequency	50 Hz / 60 Hz
Time range	1 min - 99 hrs. 59 mins
Heat output	165 W
Heating rate	5 K/min
Block capacity	1 Block
Protection class	IP 21
Set-up plate material	Aluminum alloy
Dimensions (W x H x D)	152 x 86 x 190 mm
Set-up plate dimensions	96 mm x 76 mm
Heating temperature range	5 °C – 120 °C

Permissible relative humidity	0.8
Temperature Uniformity >60°C	0.2 K
Temperature Uniformity < 60°C	0.2 K
Permissible ambient temperature	5 °C – 40 °C
Fixed safety circuit temperature	180 °C
Adjustment and display resolution	0.1 K
Temperature stability within the blocks > 60°C	± 0.2 °C
Temperature stability within the blocks at < 60°C	± 0.2 °C