



## **Dry bath incubator LD-LDBI-B10**

**Labodam Equipment Ltd.**  
**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Dry bath incubator LD-LDBI-B10

## 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:

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

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