

Dry bath incubator

LDBI-A30



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Dry bath incubator LDBI-A30 is a compact and versatile chilling/ heating dry bath incubator that consists of high quality peltier plate. It is reliable and easy-to-use instrument with integrated fault detection feature, over temperature protection device and electronic calibration feature.

Features

- Energy conscious high quality peltier plate design to ensure long term stable operation and control
- Mechanized fault detection and buzzer alarm function
- Electronic calibration feature
- Buzzer alarm when temperature control ends
- In-built over temperature protection device
- Uncomplicated replacement, cleaning and disinfection of blocks
- UL, CSA and CE approved internal power supply
- Compact size using very little bench space
- Custom blocks available
- User-friendly
- 12-months warranty



Application

Dry bath incubator can be used in sample preparation, sample coagulation, enzyme-substrate reaction and DNA amplification. It is also used for ligation reaction and storing oocytes.

Specifications:

Model no.	LDBI-A30
Temperature control range	RT. - 30°C-100°C
Temperature setting range	-10 -100
Temperature accuracy	$\leq \pm 0.3^{\circ}\text{C}$
Temperature uniformity	$\leq \pm 0.3^{\circ}\text{C}$
Heating time	≤ 10 min (from 25°C-100°C)
Cooling time	≤ 10 min (from 100°C-25°C)/ ≤ 25 min (from room temp. to under it 30°C)
Display accuracy	0.1°C
Time range	1 min-99 hr. 59 min
Auto warming	Yes
Auto running	Yes
Auto resume to run	Yes
Storage at 4°C	Yes
Multi points running	Yes (Max. 5 points)
Multi cycle	Yes (Max. 99 times)
Voltage	AC 110 V-220 V/ 50-60 Hz
Input power	150 W
Fuse	250 V/ 3A/ 5 x 20
Certificate	CE
Dimension (L x W x H)	260 x 195 x 150 mm
Weight	4.5 kg

Optional blocks:

Model	Diameter of test tube	No. of test tubes
DBA-23	0.2 ml	96
DBA-24	0.5 ml	54
DBA-25	1.5 ml	35
DBA-26	2.0 ml	35
DBA-27	0.5 ml + 1.5 ml	15 + 20
DBA-28	0.5 ml + 1.5 ml	96
DBA-29	5 ml	24
DBA-30	10 ml	15
DBA-31	15 ml	12
DBA-32	50 ml	6



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