

LABDEX



Dry Block Incubator

LX582DBI

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Dry Block Incubator LX582DBI is a unit with a microprocessor controlled thermostat and high temperature precision with an inbuilt cooling feature. Temperature can be maintained from (-10 °C to 100 °C) with a uniformity of 0.3 °C and 0.5 °C. Control options include programmable mode, continuous operation and annealing mode. Interchangeable blocks have high temperature uniformity and individual operation modules.

Features

- Microprocessor temperature and time control
 - High uniform heating speed with precise temperature control and high stability
 - Built-in temperature calibration function
 - Convenient interchangeable blocks with individual functionality
 - Buzzer alarm at the end of temperature duration
 - Recovery function in case of power loss
 - Over temperature protection and fault detection diagnosis
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Application

Used in pharmaceutical, chemical, food safety, environment, quality inspection, sample cultivation, preservation and reaction, DNA amplification, pre degeneration of electrophoresis and solidification

Specifications

Model No	LX582DBI
Heating speed	≤ 15 min (20 °C ~ 100 °C)
Cooling speed	≤ 30 min (RT decreases 30 °C) at RT 26 °C
Temperature display accuracy	0.1 °C
Time range	1 min ~ 99 h 59 mins or continuous
Temperature control range	- 10 °C ~ 100 °C
Temperature stability (100 °C)	≤ ± 0.5 °C
Block temperature uniformity (40 °C)	≤ ± 0.3 °C
Block temperature uniformity	≤ ± 0.3 °C
Voltage	AC 90 V / 230 V ; 50 Hz / 60 Hz
Power	150 W
Fuse	250 V , 3A , φ 5 x 20
Dimension	196 x 270 x 170 mm
Weight	3.5 kgs

Optional accessories

Accessory No	Specifications	Diameter of hole	Hole bottom shape	Block dimension
DB01	0.2 ml x 96	6.7 mm	Cone bottom	107 x 71 x 20 mm
DB02	0.5 ml x 54	8 mm	Cone bottom	107 x 71 x 25 mm
DB03	1.5 ml x 35	10.8 mm	Cone bottom	107 x 71x 32 mm
DB04	2.0 ml x 35	10.8 mm	Round bottom	107 x 71x 32 mm
DB05	0.5 ml x 20 + 1.5 ml x 15	8 mm / 10.8 mm	Cone bottom	107 x 71x 32 mm
DB06	≤ Ø 12 mm x 24	12 mm	Flat bottom	107 x 71x 32 mm
DB07	0.2 ml x 32 + 1.5 ml x 25	6.1 mm / 10.8 mm	Cone bottom	107 x 71x 32 mm
DB08	0.2 ml x 32 + 0.5 ml x 10 + 1.5 ml x 15	6.1 mm / 8 mm / 10.8 mm	Cone bottom	107 x 71x 32 mm
DB09	Water bath	103 x 67 x 30	Flat bottom	107 x 71x 32 mm
DB010	Flat bottom plates	Top size 69 x 107 x 12	Flat plate block	116 x 71x 15 mm
DB011	5 ml x 24	13.5 mm	Flat bottom	107 x 71x 32 mm
DB012	15 ml x 12	16.9 mm	Flat bottom	107 x 71x 100 mm
DB013	50 ml x 6	29.5 mm	Flat bottom	107 x 71x 100 mm