Premium BOD Incubators

ZXSD-R1270

Descriptions:

The premium BOD incubators of the ZXSD-R series from LABWIT are designed to meet a variety of advanced experimental needs, ranging from BOD determination to incubation of micro-organism cultures, preservation of samples, Drosophila incubation and determination of enzymatic activities, to any applications that need incubations at close to ambient temperature or lower. It features a 4.3'' TFT touch screen panel, which ensures clear indication as well as easy operations. Each of the four models has a wide temperature range from ambient -18 °C (minimum 4°C) to 65 °C and can be operated at a single user defined temperature, but can also be programmed with up to 9 different temperature segments within a time frame (18 steps). The (cooling) compressor runs continuously and the control is done through a solenoid valve for more precise temperature control if lower than ambient temperatures are required.

Features:

- P.I.D. microprocessor ensures the precision of temperature control under both fixed value mode and programmable mode.
- 4.3'' TFT touch screen panel displays all parameters, easy operation and readout for all control modes.
- Three-dimensional airflow system ensures fast response, and high uniformity of ±1.0°C@37°C.
- Sound cooling system with CFC free refrigerant, ozone layer friendly.
- Automatic defrosting: only minimal ice formation and very low heat discharge into working area occurs the unit can continue operating when defrosting
- New 3 steps adjustable fan speed, offering more precisely controlled environment of incubations, without concerns of media or samples drying out.
- Real-time electronic timer from 0 to 9999 minutes.
- Non-volatile memory retains pre-set parameters in case of power interruption.
- Triple safety protections for samples, incubator and environment.
- Independent device for over temperature, high current flow and electric leakage.
- Standard configurations; a double layer tempered glass observe window in outer door, an inner glass door, forced air circulation, a fluorescent lamp, 50 mm test port and 2 grids, built-in printer.
- Optional UV Lamp, RS-232, RS-485 interface available.

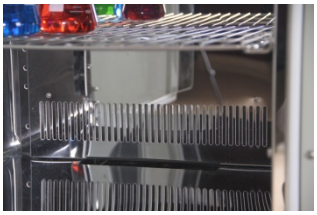
Specifications:

Model	ZXSD-R1090	ZXSD-R1160	ZXSD-R1270	ZXSD-R1430
Volume (L)	90	160	270	430
Door Type	Outer door with observation window, and heat resistance glass inner door			
Temperature Range (°C)	4 to 65			
Temperature Accuracy (°C)	0.1			
Temperature Uniformity (°C)	±1.0 @37℃			
Cooling System	Auto-Defrosting, Automated, with R134A Refrigerant			
Alarm	Enabled			
Timer (min)	0-9999			
Settings	Digital			
Display	4.3'' TFT Touch Screen			
Grids Included	2 (Max 11)	2 (Max 15)	2 (Max 18)	2 (Max 25)
Grid Size (mm) (WxD)	310x356	410x456	513x556	555x656
Inner Dimensions (mm) (WxDxH)	400x410x550	500x500x650	600x600x750	700x645x950
Exterior Dimensions (mm) (WxDxH)	550x620x1280	630x740x1380	750x840x1480	840X880X1680
Packing Dimensions (mm) (WxDxH)	620X690X1440	700x810x1540	820x910x1640	910X950X1840
Net/Gross Weight (kg)	68/108	98/145	130/180	180/220
Power (W)	710	860	950	1350
Standard Configuration	Built-in printer, Fluorescent Lamp, 50 mm Test Port			
Options	UV Lamp, RS-232, RS-485 interface			
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Ordering Information:

Part NO.	Description	Part NO.	Description
ZXSD-R1090	ZXSD-R1090, 90L, Premium Cooled BOD Incubator, 4-65℃	P9010	Grid Plate for ZXSD-B1090, ZXSD-R1090, S/S※
ZXSD-R1160	ZXSD-R1160,160L, Premium Cooled BOD Incubator, 4-65℃	P9011	Grid Plate for ZXSD-B1160, ZXSD-R1160, S/S
ZXSD-R1270	ZXSD-R1270,270L, Premium Cooled BOD Incubator, 4-65℃	P9012	Grid Plate for ZXSD-B1270, ZXSD-R1270, S/S
ZXSD-R1430	ZXSD-R1430,430L, Premium Cooled BOD Incubator, 4-65℃	P9013	Grid Plate for ZXSD-B1430, ZXSD-R1430, S/S
P5016	RS-485 Interface	P5021	RS-232 Interface
※ S/S: Stainless Steel			

Motor Fan for Forced Air Circulations



Air Grilles

Coved Corner for Easy Cleaning

Door Knob

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