



ZXSD-R1270

☞ Description:

The premium BOD incubators of the ZXSR-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. 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.

ZXSR-series BOD incubators also feature a back-up program in case of power failures, the stored parameters remain in the memory of the microprocessor. Your experiment therefore resumes under the same conditions even when interrupted by an interruption of power.

☞ Features:

- ★ P.I.D. microprocessor ensures the precision of temperature control under both fixed value mode and program mode.
- ★ 4.3" TFT touch screen panel displays all parameters, easy operation and readout for all control modes.
- ★ Three-dimensional heating system ensures fast response, and high uniformity of $\pm 1.0^{\circ}\text{C}@37^{\circ}\text{C}$.
- ★ Sound cooling system with CFC free refrigerant and automatic defrosting system.
- ★ Real-time electronic timer from 0 to 999 minutes.
- ★ Alarms for sensor failure, high and low temperature and power cut.
- ★ Password protection of all parameters against unauthorized access.
- ★ 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 interface available.



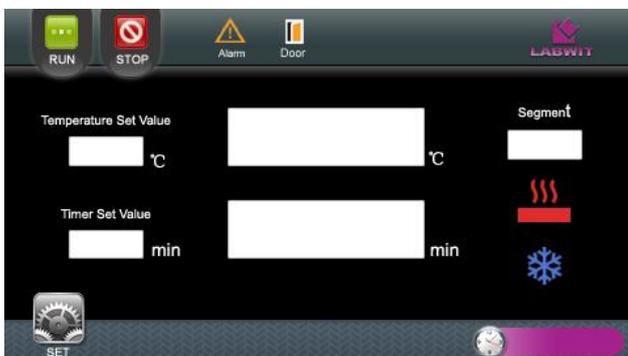
Specifications:

Model	ZXSD-R1090	ZXSD-R1160	ZXSD-R1270	ZXSD-R1430
Old Model	ZXSR-1090	ZXSR-1060	ZXSR-1270	ZXSR-1430
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°C			
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)	400x400x500	500x500x650	600x600x750	700x645x950
Exterior Dimensions (mm) (WxDxH)	530x540x1260	630x640x1360	730x740x1460	830x785x1660
Packing Dimensions (mm) (WxDxH)	650x660x1430	750x760x1530	850x860x1630	950x905x1830
Net/Gross Weight (kg)	68/108	98/145	130/180	180/220
Power (W)	710	860	950	1350
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

Order Information:

ZXSD-R1090	ZXSD-R1090, 90L, Pre Cooled BOD Incubator, 4-65°C
ZXSD-R1160	ZXSD-R1160, 160L, Pre Cooled BOD Incubator, 4-65°C
ZXSD-R1270	ZXSD-R1270, 270L, Pre Cooled BOD Incubator, 4-65°C
ZXSD-R1430	ZXSD-R1430, 430L, Pre Cooled BOD Incubator, 4-65°C
P9010	Grid Plate for ZXSD-R1090, S/S
P9011	Grid Plate for ZXSD-R1160, S/S
P9012	Grid Plate for ZXSD-R1270, S/S
P9013	Grid Plate for ZXSD-R1430, S/S

※ S/S: Stainless Steel



Control Panel



Inner Door Knob