





ZXSD-R1270

## PREMIUM BOD **Incubators**

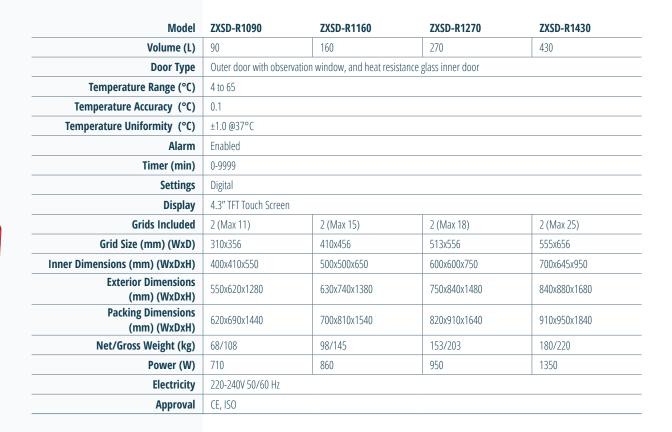
The premium BOD incubators of the ZXSD-R series from LABWIT are designed to meet a variety of advanced experimental needs, ranging from BOD determination to incubation of micro-organism cultures, preservation of samples, Drosophila incubation and determination of enzymatic activities, to any applications 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.

- ▶ 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  $\pm 1.0^{\circ}$ 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.

- ▶ 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 interface available.







## **Order Information**

ZXSD-R1090	ZXSD-R1090, 90L, Premium Cooled BOD Incubator, 4-65°C
ZXSD-R1160	ZXSD-R1160,160L, Premium Cooled BOD Incubator, 4-65°C
ZXSD-R1270	ZXSD-R1270,270L, Premium Cooled BOD Incubator, 4-65°C
ZXSD-R1430	ZXSD-R1430,430L, Premium Cooled BOD Incubator, 4-65°C
P9010	Grid Plate for ZXSD-B1090, ZXSD-R1090, S/S ★
P9011	Grid Plate for ZXSD-B1160, ZXSD-R1160, S/S
P9012	Grid Plate for ZXSD-B1270, ZXSD-R1270, S/S
P9013	Grid Plate for ZXSD-B1430, ZXSD-R1430, S/S

**★** S/S: Stainless Steel