Premium Humidity Incubator

VDW
Crucial Temperature Solutions

ZXMP-R1230

Touch Screen Controller

Description:

Like all LABWIT equipment, the premium humidity incubators have been designed to provide one of the highest quality standards of performance with matching microprocessor technology, precise temperature control and humidity control system combining state-of-the-art technology with years of design, quality and manufacturing experience. The ZXMP-series humidity incubators are specialized in a variety of critical experiments, such as analysis of water, BOD tests, incubation of tissue cell, germs and other micro-organism, and so on. To achieve this, the LABWIT control electronics is in place to service the precise control requirements of the chambers environment, providing optimum programmable conditions for culture growth.

Each model has a wide temperature range from 4 to 65 °C, with relative humidity control from 40 to 90%RH, which can be operated at a single user defined temperature and relative humidity, but can also be programmed with up to 9 different temperature/ humidity segments within a time frame. (18 steps)

Features:

- P.I.D. microprocessor ensures the precision of temperature and humidity 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.
- The humidification system features 140°C steam direct injection into the chamber with quality humidity sensor. Maintenance of the water tank can be easily performed from the side and back. The water level in the tank can be checked by looking through the central viewing window.
- Tempered inner glass window provides a clear view of samples in the chamber.
- Three-dimensional heating system ensures fast response, and high uniformity of ±1.0°C@37°C.
- Sound cooling system with CFC free refrigerant and automatic defrosting system.
- Real-time electronic timer from 0 to 999 minutes.
- Non-volatile memory retains pre-set parameters in case of power interruption.
- All shelves, shelf supports and guide rails are easily removable and can be autoclaved to remove contamination.

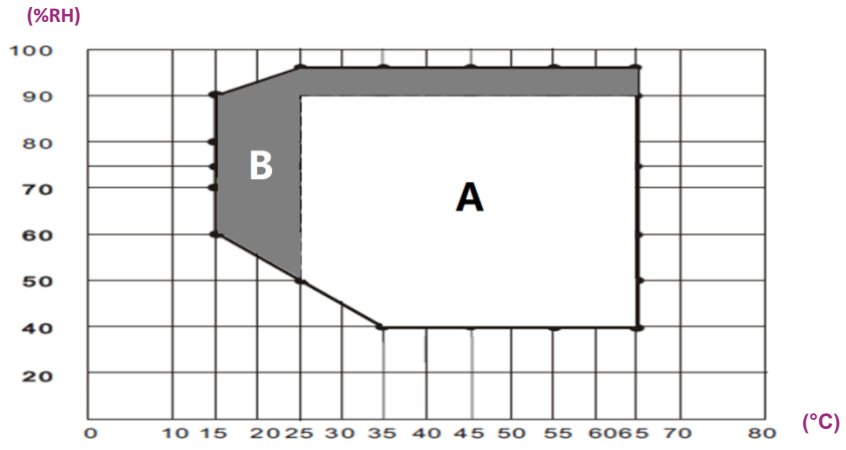
- Independent device for over temperature, high current flow and electric leakage.
- Standard 2 grids & built-in printer included, optional RS-485 interface available.

Specifications:

Model	ZXMP-R1150	ZXMP-R1230	ZXMP-R1430
Volume (L)	150	230	430
Temperature Range (°C)	4 to 65		
Temperature Accuracy (°C)	0.1		
Temperature Uniformity (°C)	±1.0 @37℃		
Temperature Fluctuation (°C)	±1.0 @37℃		
Humidity Range (%RH)	40-90		
Humidity Accuracy (%RH)	0.1		
Humidity Uniformity (%RH)	±5		
Humidity Fluctuation (%RH)	±5		
Alarm	enabled		
Timer (min)	0-999.9		
Settings	digital		
Display	LCD Touch Screen		
Grids Included	2 (Max 13)	2 (Max 15)	2 (Max 23)
Grid Size (mm) (WxD)	360x456	465x556	528x658
Inner Dimensions (mm) (WxDxH)	500x450x650	600x550x700	700x618x950
Exterior Dimensions (mm) (WxDxH)	628x728x1380	728X828X1480	828X895X1682
Packing Dimensions (mm) (WxDxH)	710x810x1550	810x910x1650	910x970x1850
Net/Gross Weight (kg)	105/145	130/180	175/220
Power (W)	1500	1600	2500
Electricity	220-240V 50/60 Hz		
Approval	CE, ISO		

Ordering Information:

Part NO.	Description	Part NO.	Description
ZXMP-R1150	150L, Premium Humidity Incubator, 4-65℃, 40-90%RH	P9014	Grid Plate for ZXMP/ZXJP-R1150, S/S
ZXMP-R1230	230L, Premium Humidity Incubator, 4-65℃, 40-90%RH	P9015	Grid Plate for ZXMP/ZXJP-R1230, S/S
ZXMP-R1430	430L, Premium Humidity Incubator, 4-65℃, 40-90%RH	P9016	Grid Plate for ZXMP/ZXJP-R1430, S/S



Inner Door Knob

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