ZXMP-A1230

HUMIDITY
Incubators

ZXMP-A1150

Like all LABWIT equipment, the humidity incubators have been designed to provide high 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 98%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)

- P.I.D. microprocessor ensures the precision of temperature and humidity control under both fixed value mode and program mode.
- The microprocessor is “user friendly” with status indicators, LCD display of control parameters, to permit efficient operator entry of data.
- The chamber is humidified by injecting heated water vapour from a reservoir located outside of the chamber. 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 included, optional built-in printer, UV Lamp, RS-232 interface available.

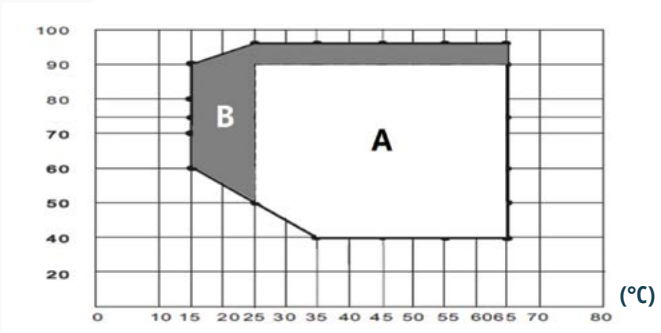
Model	ZXMP-A1150	ZXMP-A1230	ZXMP-A1430
Volume (L)	150	270	430
Temperature Range (°C)	4 to 65		
Temperature Accuracy (°C)	0.1		
Temperature Uniformity (°C)	±1.0 @37°C		
Humidity Range (%RH)	40-98		
Humidity Accuracy (%RH)	0.1		
Humidity Uniformity (%RH)	±5		
Alarm	Enabled		
Timer (min)	0-999		
Settings	Digital		
Display	LCD		
Grids Included	2 (Max 13)	2 (Max 15)	2 (Max 23)
Grid size (mm) (WxD)	336x456	426x556	528x658
Inner dimensions (mm) (WxDxH)	500x460x650	600x500x700	700x650x950
Exterior dimensions (mm) (WxDxH)	640x700x1350	740x790x1400	850x890x1650
Packing dimensions (mm) (WxDxH)	710x770x1510	810x860x1560	920x960x1810
Net/Gross Weight (kg)	105/145	130/180	175/220
Power (W)	1500	1600	2500
Electricity	220-240V 50/60 Hz		
Approval	CE, ISO		

Order Information

ZXMP-A1150	ZXMP-A1150,150L, Humidity Incubator, 4-65°C, 40-98%
ZXMP-A1230	ZXMP-A1230,230L, Humidity Incubator, 4-65°C, 40-98%
ZXMP-A1430	ZXMP-A1430, 430L, Humidity Incubator, 4-65°C, 40-98%
P9014	Grid Plate for ZXMP-A1150, S/S ※
P9015	Grid Plate for ZXMP-A1230, S/S
P9016	Grid Plate for ZXMP-A1430, S/S

※ S/S: Stainless Steel

Temperature & Humidity Control Range (%RH)



A: Guaranteed working range

B: Recommended Time-limited operation (max. 24 hours)