



## General Purpose Incubators-Water Jacket

### ☞ Description:

ZXGP incubators offer an economical incubation method to a variety of micro-organism cultures with high uniformed temperature control. As a standard feature, all incubators have a high-tech microprocessor controller that maintains accurate temperature control (PID) of the chamber in the range of ambient +5°C to 65°C. With an accuracy of  $\pm 0.1^\circ\text{C}$ , a user-friendly control panel allows easy digital setting and fast readout of time and temperature. The processor of our incubators can store up to 9 programs-18 steps-into a "non-volatile" memory. Programs can be used for running multiple "ramp and soak" cycles up to 99 times. Of course the incubators can also be used as a constant (one) temperature incubator.



**ZXGP-B2270**

### ☞ Features:

- ★ P.I.D. microprocessor ensures the precision of temperature control under both fixed value mode and program mode.
- ★ Fully programmable through the keyboard (9 programs/18 steps).
- ★ Forced-air circulation provides uniformity of  $\pm 0.5^\circ\text{C}$  @  $37^\circ\text{C}$
- ★ Audible and visible alarm on over temperature.
- ★ Password protection against unauthorized access to all settings.
- ★ Non-volatile memory retains preset parameters after an accidental power interruption.
- ★ Large LCD display for easy parameters setting and fast readout.
- ★ Inner glass door provides complete visibility to the chamber.
- ★ Standard 2 grids included

### ☞ Features of Water Jacket Heating Model

With a triple wall construction and large volume of water, ZXGP-series water jacketed incubators provide unsurpassed temperature stability and protection against heat loss. The water jacket technology holds the temperature for extended periods of time, which is critical during power failures. Under test conditions, the temperature initially drops at only  $1^\circ\text{C}$  per hour, and just  $8.5^\circ\text{C}$  in 10 hours, by contrast, on most direct heating models, which comes with  $3.4^\circ\text{C}$  and more than  $15^\circ\text{C}$  dropping instead.

## Specifications of ZXGP-Series Incubator:

Model	ZXGP-B2050	ZXGP-B2080	ZXGP-B2160	ZXGP-B2270
Old Model	ZXGP-A2050	ZXGP-A2080	ZXGP-A2160	ZXGP-A2270
Heat Mode	Water Jacket (With Gentle Circulation)			
Volume (L)	50	80	160	270
Temperature	Ambient+ 5 to 65°C			
Temperature Accuracy	± 0.1°C.	± 0.1°C.	± 0.1°C.	± 0.1°C.
Temperature Uniformity	±0.5°C@37°C	±0.5°C@37°C	±0.5°C@37°C	±0.5°C@37°C
Alarm	enabled	enabled	enabled	enabled
Timer	0-999 minutes	0-999 minutes	0-999 minutes	0-999 minutes
Setting	Digital	Digital	Digital	Digital
Display	LCD	LCD	LCD	LCD
Grid Included	2 (max 2)	2 (max 3)	2 (max 4)	2 (max 4)
Grid Size(mm) (WxD)	330x345	380x395	480x495	580x595
Distance Between Grids (mm)	125	110	126	150
Inner Dimensions (mm) (WxDxH)	350x350x410	400x400x500	500x500x650	600x600x750
Exterior Dimensions (mm) (WxDxH)	510x475x780	560x525x870	660x625x1020	760x725x1120
Packing Dimensions (mm) (WxDxH)	630x595x950	680x645x1040	780x745x1190	880x845x1290
Net/Gross Weight (kg)	35/57	45/69	78/105	115/145
Power (W)	520	640	1140	1740
Electricity	220-240V 50/60 Hz			
Approval	CE, ISO			

## Order Information:

<b>ZXGP-B2050</b>	ZXGP-B2050,50L, Water Jacket Incubator, A+5-65°C	<b>P9006</b>	Grid Plate for ZXGP-B2050, S/S
<b>ZXGP-B2080</b>	ZXGP-B2080,80L, Water Jacket Incubator, A+5-65°C	<b>P9007</b>	Grid Plate for ZXGP-B2080, S/S
<b>ZXGP-B2160</b>	ZXGP-B2160,160L, Water Jacket Incubator, A+5-65°C	<b>P9008</b>	Grid Plate for ZXGP-B2160, S/S
<b>ZXGP-B2270</b>	ZXGP-B2270,270L, Water Jacket Incubator, A+5-65°C	<b>P9009</b>	Grid Plate for ZXGP-B2270, S/S

※ S/S: Stainless Steel



