

General Purpose Incubator



Description:

A-series direct heating incubators offer an economical incubation method to a variety of micro-organism cultures. 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 sealed control panel allows easy digital setting and fast readout of time and temperature as well as an alarm signal if there is a deviation from set point parameters. 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.

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, max. 4 grids.



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Model	A50	A80	A120	A160	A270L
Heat Mode	Direct Heat (With Gentle Circulation)				
Volume (L)	50	80	120	160	270
Temperature	ambient+ 5 to 65°C				
Temperature Accuracy	± 0.1°C.	± 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	±0.5°C@37°C
Alarm	enabled	enabled	enabled	enabled	enabled
Timer	0-999 minutes	0-999 minutes	0-999 minutes	0-999 minutes	0-999 minutes
Setting	Digital	Digital	Digital	Digital	Digital
Display	LCD	LCD	LCD	LCD	LCD
Grid Included	2 (max 4)	2 (max 4)	2 (max 4)	2 (max 4)	2 (max 4)
Grid Size(mm) (WxD)	330x345	380x395	430x445	480x495	530x595
Inner Dimensions (mm) (WxDxH)	350x350x410	400x400x500	450x450x600	500x500x650	600x550x820
Exterior Dimensions (mm) (WxDxH)	470x465x760	520x515x850	570x565x950	620x615x1000	720x665x1170
Net Weight (kg)	33/57	40/73	51/85	57/94	90/130
Power (W)	360	400	500	560	700
Electricity	220/240 Volt 50/60 Hz				