

AELAB PH Drying and Cultivating Oven

Summary:

PH series drying/cultivation dual-use box, with high quality, reliable, safe characteristics using fan air forced convection of the new type of drying/cultivation dual-use box, colleges and universities, scientific research and production have a direct help, and provide a reliable guarantee

Features:

- 1) large LCD display, multiple groups of data in one screen display, menu type operation interface, easy to understand, easy to operate.
- 2) adopts fan speed control mode to improve the temperature uniformity of the chamber.
- 3) adopt self-developed air duct circulation system, automatically discharge water vapor inside the box.
- 4) Automatic change of dry culture mode, when the temperature is higher than 80 degrees change to dry mode, can also be set according to user needs.
- 5) adopt microcomputer temperature controller with overtemperature deviation protection and digital display, with timing function, accurate and reliable temperature control.
- 6) inner tank adopts mirror stainless steel, shelf support can be free loading and unloading, semicircular design of four corners makes cleaning more convenient.
- 7) oven shell is made of high quality cold rolled steel plate, electrostatic spray plastic surface.
- 8) adopts the self-designed conversion mode with weak control and strong, which avoids the impact on the system during the high current conversion, thus improving the reliability of the product.
- 9) double door structure, good heat insulation performance, observation of the chamber does not affect the temperature.
- 10) independent temperature limit alarm system, which automatically interrupts when the temperature exceeds the limit to ensure the safe operation of the experiment without accidents. (optional)
- 11) has RS485 interface to connect recorder and computer, which can record the change of temperature parameters. (optional)



Options

1. Embedded printer -- easy for customers to print data.
2. Independent temperature limit alarm system -- when the temperature exceeds the limit, the heating source is forced to stop to protect the safety of your laboratory.
3. RS485 interface and special software -- connect computer, export experimental data.
4. test hole 25mm/50mm -- can be used to test the actual temperature of the working room.
5. Intelligent program controller -- 30 programming steps can be set up to meet various complex experiments.

Specifications

Model	AE-PH030A	AE-PH050A	AE-PH070A	AE-PH140A	AE-PH240A
Power Requirement	AC220V 50HZ				
Temperature Range	DRYING : 80~250 OC; CALTIVATE: RT+10~80 OC				
Temperature Stability	±1 OC				
Display Resolution	DRYING :±1 OC ; CALTIVATE: 0.5 OC				
Ambient Temperature	+5~30 OC				
Timing Range	1~9999min				
Standard Shelves	2pcs				
Power Consumption	850W	1100W	1550W	2050W	2500W
Interior Dimension (W*D*H mm)	340*330*320	420*350*390	450*400*450	550*450*550	600*595*650
External Dimension (W*D*H mm)	625*455*510	705*475*580	735*525*640	835*575*740	885*720*840
Volume	30L	50L	70L	136L	220L

Remark:

1. The technical parameters are tested at the conditions of ambient temperature 20°C, 50%RH, no load, no strong magnetic and no vibration.
2. The picture is for reference only, please refer to the actual goods.