



ZDP Series Incubators provided by ZHICHENG offer an economical method to a variety of microorganism cultures. As a standard feature, each of the incubators has a high precision microprocessor controller that maintains accurate temperature control of the chamber in the range of ambient +5°C to 65 °C with an accuracy of  $\pm 0.1^{\circ}\text{C}$ . An alarm is incorporated to warn of overtemperature deviations, and user-friendly sealed control panel allows easy digital setting and fast readout. Non-volatile memory retains preset parameters during a power failure and restarts unit automatically. Mirror-finished stainless steel interior provides excellent durability and an easy-to-clean surface. ZDP Series Incubators are available in the capacity ranging from 50L to 270L.

Model	ZDP2050	ZDP2080	ZDP2120	ZDP2160	ZDP2270
Capacity	50L	80L	120L	160L	270L
Performance	Heated only	Heated only	Heated only	Heated only	Heated only
Temperature	Ambient +5°C to 65°C				
Temperature Accuracy	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$
Temperature Uniformity	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
Timer	0-99.59 hours	0-99.59 hours	0-99.59 hours	0-99.59 hours	0-99.59 hours
Alarm	Enabled	Enabled	Enabled	Enabled	Enabled
Setting	Digital	Digital	Digital	Digital	Digital
Display	LED	LED	LED	LED	LED
Platforms	2	2	2	2	2
Chamber Dimension	350x350x410 mm	400x400x500 mm	450x450x600 mm	500x500x650 mm	600x550x820 mm
Exterior Dimension	470x465x760 mm	520x515x850 mm	570x565x950 mm	620x615x1000 mm	720x665x1170 mm
Electricity	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

## ZSD Series Incubators (Refrigerated)



ZSD Series Refrigerated Incubators offered by ZHICHENG are designed to meet a variety of advanced experimental needs ranging from microorganism cultures and plant germination tests to various temperature experiments. These Incubators feature a high precision P.I.D microprocessor controller that ensures accurate temperature of the chamber in the range of ambient-20°C to 65 °C with an accuracy of  $\pm 0.1^{\circ}\text{C}$ . This allows a full range of precise experimentations from microorganism cultures to various types of incubations.

### Features:

- 1) CFC-free refrigeration
- 2) P.I.D microprocessor controller
- 3) Audible and visible alarm on overtemperature
- 4) Password protection on safety operation
- 5) Non-volatile memory retains preset parameters
- 6) Electronic timer in the range of 0-99.59 hours
- 7) Large LED for easy digital setting and readout
- 8) Fluorescent Lamp included as standard
- 9) UV Light is optional for disinfection purpose

Model	ZSD1090	ZSD1160	ZSD1270	ZSD0300
Capacity	90L	160L	270L	300L
Performance	Heated and Refrigerated	Heated and Refrigerated	Heated and Refrigerated	Heated and Refrigerated
Temperature Range	Ambient-20°C to 65°C			<b>-5°C to 65°C</b>
Temperature Accuracy	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$	$\pm 0.1^{\circ}\text{C}$
Temperature Uniformity	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
Timer	1 minute to 99.59 hours	1 minute to 99.59 hours	1 minute to 99.59 hours	1 minute to 99.59 hours
Setting	Digital	Digital	Digital	Digital
Alarm	Enabled	Enabled	Enabled	Enabled
Platform Included	2	2	2	2
Maximum Platforms	4	6	8	8
Chamber Dimension	400x400x550	500x500x650	600x600x750	600x640x800
Exterior Dimension	530x550x1185	630x650x1285	730x750x1385	730x795x1435
Power Consumption	$\leq 400\text{W}$	$\leq 800\text{W}$	$\leq 900\text{W}$	$\leq 1000\text{W}$
Electricity	220V 50Hz	220V 50Hz	220V 50Hz	220V 50Hz
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO
Warranty	1 Year	1 Year	1 Year	1 Year