

**HIGH PRECISION  
THERMOSTAT BATH**



**Product I Applications**

◦ **Chemical**

Separation and extraction experiments, condensation, detection of metal elements, constant temperature, chemical synthesis. Equipped with small rotary evaporator, atomic absorption spectrophotometer, double-layer jacketed reactor, etc.

◦ **Material, Petroleum**

Liquid viscosity measurement, research and development testing, constant temperature, material structure detection. Equipped with viscometer, rheometer, X-ray diffraction spectroscopy, etc.

◦ **Microbiology**

Brewing, enzyme engineering and environmental constant temperature. Equipped with fermentation tank, etc.

◦ **Food**

Fat extraction, condensation, determination of protein in food, brewing, research and development testing. Equipped with Soxhlet extractor, Kjeldahl nitrogen analyzer, beer aging tester, etc.

◦ **General**

Calibration of thermometers, providing heat sources for compound materials, temperature control of chromatographic columns. Equipped with thermometer, vacuum drying oven, gas chromatography analyzer, etc.

**Product I Introduction**

Adopts an advanced fluorine-free refrigeration system. This series of instruments has the characteristics of precise temperature control, uniformity of temperature in the bath, and intelligent temperature control. It is mainly developed for low-temperature experimental instruments required by research, biology, physics, medicine, chemical and other departments with high temperature control accuracy requirements. It can also be used for calibration purposes in the manufacturing of ordinary thermometers and other temperature measuring instruments.

**Product I Features**

- Fully enclosed imported compressor with low noise in the refrigeration system;
- The system adopts advanced fluorine-free environmental protection refrigeration technology;
- Customers can set parameters that remain unchanged after power-off, and the instrument defaults to start working when power is on;
- Working time can be set and the instrument stops working after completion;
- Internal and external circulation can be switched, pump flow rate can be controlled, suitable for various experimental needs;
- The refrigeration compressor has automatic protection functions such as overheat and overload;
- Temperature fluctuation:  $\pm 0.1^{\circ}\text{C}$ ;

**Technical I Parameters**

Model	Temperature Range (°C)	Numerical Display Resolution (°C)	Internal Tank Capacity Length*Width*Height (mm)	Circulation Pump Flow (L/min)	Working Tank Opening (mm)	Total Capacity (L)	Net Weight (kg)	Dimensions Depth*Width*Height (mm)
DH-0510	-5~100	$\pm 0.1/0.01$	260*200*200	0~15	180*140	15	27	395*336*715
DH-1010	-10~100	$\pm 0.1/0.01$	260*200*200	0~15	180*140	15	27	395*336*715
DH-2010	-20~100	$\pm 0.1/0.01$	260*200*200	0~15	180*140	15	27	395*336*715
DH-3010	-30~100	$\pm 0.1/0.01$	260*200*200	0~15	180*140	15	27	455*388*845
DH-4010	-40~100	$\pm 0.1/0.01$	260*200*200	0~15	180*140	15	27	455*388*845