

HST LTW-80/100 Low temperature constant temperature water tank



Introduction

The THD series low-temperature constant temperature bath is a high-precision constant temperature source with built-in refrigeration and heating, and has the function of a small chiller. It is widely used in research departments such as petroleum, chemical industry, metallurgy, medicine, biochemistry, physical properties, testing and chemical analysis, colleges and universities, factory laboratories and metrology quality inspection departments.

Depending on the size of the bath opening, constant temperature experiments can be carried out in the bath, and it can also be connected to other equipment through a hose and used in conjunction with a constant temperature source. The internal circulation increases the uniformity of the temperature in the bath and reduces temperature fluctuations.

External circulation: Through the circulation capacity of the pump, the insulation hose is connected to the external equipment using the water outlet to form a closed loop and flow back to the water inlet of the equipment, which is to lead the constant temperature medium in the bath to the outside and establish an external constant temperature field.

Product Features

1. The fully enclosed compressor unit adopts two-stage refrigeration, and the refrigeration system has multiple protection devices for overheating and overcurrent

2. The circulating pump can lead the constant temperature liquid in the tank to establish a second constant temperature field
3. The cold liquid in the tank can be led to the outside to cool the experimental container outside the machine, and low temperature and constant temperature experiments can also be carried out directly in the tank
4. Adopt XMT analog digital PID automatic control system, temperature digital display
5. The inner tank and the table are all stainless steel, clean and hygienic, beautiful and corrosion-resistant
6. The THD series is vertical, easy to place in the operating table, heating power: 2500W
7. It has a hidden drainage function
8. The overall dimensions are about: 750*600*1050 (including the height of the feet and the control cabinet)

Specification and Quotation

Model number	HST LTW-80/100
Supply voltage	220V 50Hz
Temperature control range	-80.0-100.0°C
Temperature fluctuation	±0.01°C
Sink size(cm)	28*25*22cm
Slot opening dimension(mm)	175*135mm
Gross volume(L)	15L
Groove Depth(mm)	220mm
Circulating pump flow	8L/min