

Calibration Heating Thermostatic Bath

(BETHS Series|Ambient~300℃)



Product Description

BEHTS series calibration bath is a high-precision heating verification device with high temperature control precision and good temperature field uniformity. BEHTS-300b automatic oil pump system with oil tank in constant temperature tank for high temperature verification, which can adjust oil temperature in the tank at will, is an environment-friendly product with more convenient operation and higher work efficiency. The cooling system of BETHS-300c's own compressor can turn on the high-temperature direct drop function of the compressor with one key throughout the whole process, so that you can return to test without worry. Used for calibration of standard mercury thermometers, beckman thermometers and industrial platinum resistance in metrology department.

Product Features

1. Temperature control system adopts PID temperature control technology, precision can reach 0.01 °C.
2. Model B has the function of automatic oil transfer, no manual oil, oil temperature can be adjusted by mixing

3. Type C can turn on the compressor's high-temperature droop function with one key, so that you don't have to wait for the return test.
4. RS232 or RS485 communication interface can be optional to realize data transmission with PC or PLC, remote control.
5. Standard calibrated cartridge for thermometer, platinum resistance, thermocouple, etc.
6. The refrigeration system has the protection of over heat and over current, the control system has the alarm of over temperature, the upper and lower limit of over temperature alarm temperature can be set, and the load can be cut off automatically.

7.

Application

Calibration heating bath is suitable for measuring, biochemical, petroleum, meteorology, energy, environmental protection, medicine and other departments and manufacturers of thermometers, temperature controllers, temperature sensors and other manufacturers for physical parameters testing and calibration. It can also provide thermostatic source for other experimental research work. Such as: grade I and II standard mercury thermometers, Beckman thermometers, industrial platinum thermal resistance, standard copper-constantan thermocouple verification, etc.

Technical Specification

Model	BEHTS-95	BEHTS-300A	BEHTS-300B	BEHTS-300C
Temperature Range (°C)	Ambient+15 ~ 95	Ambient+15 ~ 300	Ambient+15 ~ 300	Ambient+15 ~ 300
Temperature fluctuation (°C)	±0.01	±0.01	±0.01	±0.01
Temperature uniformity (°C)	0.01	0.01	0.01	0.01
Display resolution	0.001	0.001	0.001	0.001

Tank Size (mm ³)	Φ130×480	Φ150×480	Φ150×480	Φ150×480
Volume (L)	18	23	23/oil tank45	23
Power (kw)	1.6	2.8	3.0	3.5
Shape size (mm)	750×550×1200	750×550×1200	750×550×1200	750×550×1200
Net Weight (kg)	90	100	110	130
Power Supply (V/HZ)	220/50	220/50	220/50	220/50
Medium	5°C-95°C : soft water	Silicone oil	Silicone oil	Silicone oil

Service

1. 12 months warranty for thermostatic instruments.
2. Technical support is also available timely.
3. Reply your enquiry within 24 working hours.
4. OEM is available if the quantity is large.
5. Package and shipping worldwide.