

CK-4005GD CK-4007GD CK-4010GD



1. General

This product is the automatic setting of PID algorithm without overshoot, complete function, easy to use, is the best product, analog temperature control is indispensable for medical apparatus and instruments, laboratory instruments commonly used temperature control equipment. Extensively used in Petrochemical industry, National Defense, Metallurgy, Chemical Industry, Physics, Biology Engineering, Chemistry, Pharmaceutical, life science, electronic instrument, quality inspection and measurement, plant laboratory, colleges, Research and Development Institutes and so on.

2. Characteristics

- (1) With complete enclosed air- cooling compressor for refrigeration, low-temperature thermostatic bath has outstanding advantages such as quick refrigeration and low noise.
- (2) Refrigeration system is equipped with multi-purpose protection devices such as overheating, over current and so on.
- (3) Temperature can be controlled by a microcomputer, which can be operated simply, has an alarming device for temperature under the low-temperature limit and over the high-temperature limit, and is equipped with PID automatic control.
- (4) Use double windows in red and green, upper window displays measurement value in red, and lower window displays measurement value in green, both in LED.
- (5) Intelligent microcomputer can adjust temperature setting allowance so that digital display distinguish-ability reaches 0.1°C .
- (6) Special user PID can be adjusted.
- (7) It has internal and external cycles, the external cycle will discharge thermostatic liquid inside the bath, and establish No. 2 thermostatic bath, also it can discharge liquid

outside as cooling or heating source, to lower (raise)temperature of external experimental vessels, and enlarge use scope.

3. Technical Parameters

Model	CK-4005GD	CK-4007GD	CK-1010GD
Temperature Range	-40–200°C	-40–200°C	-40–200°C
Volume	5L	7L	10L
Display Resolution	0.1 °C	0.1 °C	0.1 °C
Pump Flow	20L/min	20L/min	20L/min
Heating power	800W	1200W	2500W
Cooling power	1322W	2329W	3610W
Drainage	Yes	Yes	Yes
Voltage	220V/50Hz	220V/50Hz	220V/50Hz