GLUDITEC
Glue & Dispensing Technology

HCS - 245

Heat Curing Oven

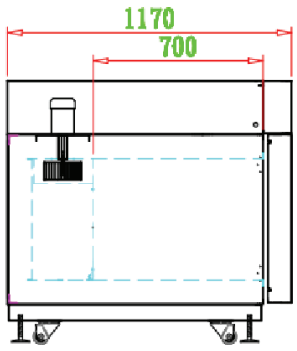
This series is suitable for the reliability test/production of industrial products. It has the characteristics of temperature control accuracy and wide control range.

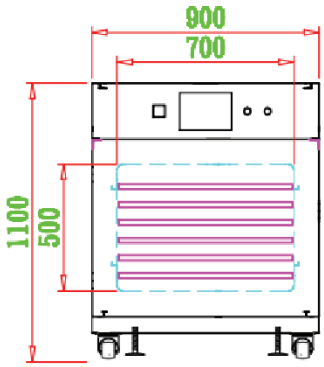
This type of product can meet the following standards:

- GB-2423.2-89 (IEC68-2-2) Test B: High temperature test method
- GJB360.8-87 (MIL-STD.202F) high temperature life test
- GJBI50.3 (MIL-STD-810D) high temperature test method

FEATURE

- *Compact size with excellent heating performance*
- *Safety protection devices (Protector; Buzzers; Fault indicator; Reverse phase preventor, etc.)*





PERFORMANCE

Air supply method	Send the wind on the right, return to the wind on the left
Temperature range	60°C ~ +150°C
Temperature fluctuation	±0.5°C
Temperature uniformity	±2.0°C
Heating time	RT+20°C~ +150°C about 30min no-load
Control	PID+SSR output
Test sample	PCB , 60*60*5 cm

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Workspace Dimensions	(W) 700 × (H) 500 × (D) 700 mm
Exterior Dimensions	About (W) 900 × (H) 1100 × (D) 1170 mm (External dimensions do not include the protruding part of the machine table)
Door seal	One single opening each layer
Material	Inner chamber material: SUS 201 # stainless steel Outer chamber material: cold paint
Insulation material	Glass wool
Heater	Finned radiating tube-shaped stainless steel electric heater
Temperature measuring body	K thermoelectric pair
Partition material	6 stainless steel partitions (each layer), bearing 10kg/layer
Annex	The power cord is 2.5 meters.

CONTROL PANEL

Screen Display Function	- Directly display of Temperature/Humidity (SV-Set Value) and (PV-Practical Value) - Display of the execution program number, number of times, remaining time, etc. - Display of program editing and graphic curve - Display of fixed point or program action status - 7 inch 65535 true color, LED backlit display screen, resolution 800 x 480
Control Accuracy	Temperature: ±0.01°C; Humidity: ±0.1%RH; Time: 0.01min
Setting Range	Temperature: –100~200°C; Humidity: 0~100%RH
Mode of Operation	Program or Set Point
Program Capacity	- Program capacity: up to 269 groups, a total of 13,450 segments - Memory capacity: 50 steps per group - Commands can be executed repeatedly: up to 32000 cycles per command
Communication Interface	- Connected to the computer to display curves and data acquisition - Used as a monitoring and remote control system - Can do multiple machines synchronous control - Optional RS-232, RS-485 and/or Etherne

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Conditions of Installation and Usage

Power Supply	AC 1ψ2W 220V 50HZ (R, N plus ground wire) (Voltage fluctuation ≤±10%) Installation power: 3 kW Equipment empty: 20 A
Carry in conditions	When this test chamber moves in, the following conditions must be met - The height of the path channel and door: over 1300mm or more - Path channel and door width: 1100mm or more - When using the elevator, in addition to meeting the above size, the following requirements must be met: Depth: above 1370mm Note: The tilt angle of the equipment transportation process cannot exceed 15°
Installation condition	- Temperature:+5 ~+35°C (better below+28°C) - Relative humidity: ≤85%RH - Bad pressure: 86kPa ~ 106kPa - Direct irradiation without sunlight or direct radiation of other thermal sources - Unparalleled, corrosive gas atmosphere - No strong airflow convection, strong electromagnetic field effects - No strong vibrations around - Wet steam and less dust - The installation site needs to ensure the following size: