

Advance Features:

- All in one Heat Cool Chamber
- High Accuracy with Power Saving
- Suitable for Lab Testing Application
- Man/Auto with On/Off/PID/Program Control
- Double High Quality LED Display
- Adop ITS-90 Thermometric Scale
- Use RTD pt100 Sensor upto $\pm 200^{\circ}\text{C}$
- Communication RS 485 with Software
- Temperature Logger or Recorder
- Heavy Duty Branded Contractor/Tyristor
- Available Various models/Function
- 9 Profile with 16/32/64 Segment Program



Low Cost High Quality

Rasci Heating Cooling Chamber outer fabrication of Mild steel with powder coated and Inner Fabrication of Stainless Steel .The RHCC are insulated with ceramic fiber mat to reduce the radiation Cool loss to Minimum This is suitable for Low Temperature Process Testing application. High accuracy temperature controller With Tyristor / Contactor based control circuit. The RHCC Cooled by High Quality Compressor and Maintain Temperature use Heater .Insulation with high quality superior quality Insulator. The temperature inside is maintained any desired level with in the operating range by a digital automatic temperature controller.

Rasci also offered Mp based high accuracy customized controller With Strip chart Recorder ,Temperature data logger for PC interfacing , Memory storage 1000 data per channel Direct printer port and Suitable software package.

The calibration bath is compact size, priced very competitive. The unit can be drawn from the front for Easy servicing. An ISO 9001 : 2008 Quality Certified

We are also doing manufacturing servicing, & calibration of process control instruments for temperature, pressure, humidity, level, flow, pH & TDS. Tota Meter etc.

Our technical team duported with ETDC trained engineers find out solution on technical issues to any instruments range of product at any time. We undertake annual maintenance contact (AMC) for process control including Ovens & Furnaces etc.

Technical Specifications:

RHCC	300	400	600	900
Type	Chamber	Chamber	Chamber	Chamber
Function	Heating Cooling	Heating Cooling	Heating Cooling	Heating Cooling
Sensor Type	RTD	RTD	RTD	RTD
Controller Input	Universal	Universal	Universal	Universal
Temp Range	5 to 60°C	5 to 60°C	5 to 60°C	5 to 60°C
Control Method	Programmable Control	Programmable Control	Programmable Control	Programmable Control
Control Device	SSR/PPC	SSR/PPC	SSR/PPC	SSR/PPC
Mains Voltage	230 VAC/50 Hz	230 VAC/50 Hz	230 VAC/50 Hz	230 VAC/50 Hz
Bath Load	Maximum Load 2A	Maximum Load 2A	Maximum Load 4 A	Maximum Load 4A
Device Capacity	25A	25A	25A	25A
Bath Accuracy	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C
Control Mode	PID with Program	PID with Program	PID with Program	PID with Program
Control Action	Ramp/Soak	Ramp/Soak	Ramp/Soak	Ramp/Soak
Program Option	9 Profile 16/32/64 step	9 Profile 16/32/64 step	9 Profile 16/32/64 step	9 Profile 16/32/64 step
Control Accuracy	0.02% FS	0.02% FS	0.02% FS	0.02% FS
Alarm Output	Optional	Optional	Optional	Optional
Fabrication	Mild/Stainless steel	Mild/Stainless steel	Mild/Stainless steel	Mild/Stainless steel
Insulation	Fibre Glass / Insulator	Fibre Glass / Insulator	Fibre Glass / Insulator	Fibre Glass / Insulator
Cooling Device	Compressor	Compressor	Compressor	Compressor
Cooling Rate	2°C/Min	2°C/Min	2°C/Min	2°C/Min
Alarm Option	2 groups	2 groups	2 groups	2 groups
Bath Capacity	0.5 HP	0.5 HP	1.0 HP	1.0 HP
Bath ID Size	300x300x300 mm	300x300x300 mm	600x600x400 mm	900x900x600 mm
Sensor Entry	Optional	Optional	Optional	Optional

General Specifications:

Also Available Models	RTCL - 120,200 and High Temp Bath upto 1400 Deg C RTCH-300/600/1200/1400
Working Environment	Temperature : 0 - 50° C, Humidity : 35 - 85 % RH
Available with	Recorder/Scanner/Data logger/ Digital Voltmeter and Ammeter etc.,
Operating Voltage	230 VAC/50 Hz and Current As Per Model
Controller Sizes Available	1-(48x48mm) , 2-(72x72mm), 3-(96x96mm), 4-(48x96mm), 5-(96x48mm)

Applications:

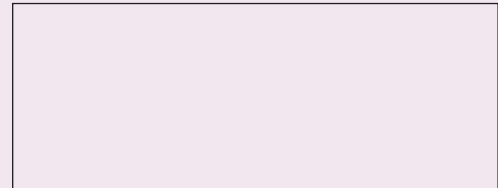
- Testing and Calibration laboratories
- Automobile and Power industries
- Pharmaceutical and Chemical industries.

RASCI INSTRUMENTS

An ISO 9001:2008 Certified Company

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Authorised Dealer:



Solution Partner in Chamber Technology

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