



# Temperature (Humidity) Test Chamber

BANBROS's temperature and humidity control chamber allows you to perform test of large capacities, its upgraded performance gives reliability, automated operation, power efficiency and custom design in standard. High quality temperature and humidity control chamber that can meet every customer's requirement, custom designs are also available. It's flexible and user friendly technology will fulfill the requirements of building ideal chamber.

Weather be technology related applications or research based applications or Industries based applications, test requiring temperature and humidity control are necessary. Temperature controlled by Digital Indicator cum Controller PID based with timer. Inside chamber is made of Stainless Steel and outside made of mild Steel powder coated.

## TECHNICAL SPECIFICATIONS

Model No.	Specifications
<b>Inner chamber size</b>	600×630×1060mm
<b>Material : Inner chamber</b>	304 Stainless steel
<b>Exterior structure</b>	cold rolled sheet powder coated
<b>Temperature range</b>	Ambient to 65° C (± 3° C)
<b>Humidity range</b>	65%~95% RH (±5%)
<b>Indication resolution</b>	0.01 °C,0.1%RH
<b>Temperature fluctuation</b>	±0.2 °C,±0.5%RH
<b>Heat up time</b>	2° C / minute from room temperature to +50 °C,
<b>Temperature sensor</b>	PT100
<b>Humidity sensor</b>	Wet and Dry bulb sensor
<b>Insulation</b>	Glass wool & PUF
<b>Humidification System</b>	Humidifier Boiler made by Banbros Water tanker Stainless steel tanker made by Banbros Water pump Automatic pump Water source requirement Purified water
<b>Operating Environment</b>	(1) Ambient temperature: upto 55 °C (2) RH 85%.
<b>Power Load</b>	2.8 KW
<b>Power Supply</b>	AC 1 phase 220V 50Hz



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The Precision Measurement People

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