



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

ENVIRONMENTAL TEST CHAMBER



BEC-C SERIES



DESCRIPTION: -

Environment Test Chambers are Small, bench-top test chamber for simulating temperature and humidity environments. Included only temperature, temperature and humidity test chambers. It's very good advantages are small, desktop, small footprint, portable, stable performance and Full function. A Bench top Environmental Chamber offers flexibility, uniformity, and control accuracy.

APPLICATION: -

Widely used in electronics, automotive, manufacturing, research and laboratories.

FEATURES: -

- Small, portable, bench top design
- Wide temperature ranges and volume selection
- Reliable performance
- Temperature control and display unit
- Humidity control and display unit
- Programmable color LCD touch screen controller
- Multi-language interface
- USB and Ethernet
- Mechanical compression refrigeration system
- Build-in water tank
- Adjustable and removable sample shelves
- Safety protection system

**TECHNICAL SPECIFICATIONS: -**

Model	BEC-50C	BEC-80C
Inner Dimension(mm)	320X350X450	400X400X500
Overall Dimension(mm)	800X1050X950	900X1100X1000
Interior Volume	50 L	80 L
Temperature Range	-70°C ~ +150 °C	
Humidity Range	20% ~ 98% RH or 10% ~ 98% RH	
Temperature Fluctuation	± 0.5 °C	
Temperature Deviation	± 2.0°C	
Humidity deviation	± 2.5% RH	
Heating rate	3°C/ min	
Cooling rate	1°C/ min	
Controller	Programmable color LCD touch screen controller, Ethernet , USB	
Cooling System	Mechanical compression refrigeration system	
Power Supply	220V 50Hz	
Material	Inner	SUS304 stainless steel
	Exterior	Steel Plate with protective coating

Note - All sizes are available in mild steel and stainless steel.