



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

CASS CORROSION RESISTANCE SALT SPRAY TEST MACHINE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BCC-A SERIES

**DESCRIPTION: -**

Salt Spray Test Chambers offer the most realistic and dependable corrosion test, widely used to test corrosion resistance of automotive, paint, surface coating, chemical, aerospace, electronics, car industry, offshore and defense industries.

FEATURES: -

- Chamber material is made of P.V.C Sheet, sturdily and will not be out of shape.
- Test chamber is heated from five directions to ensure the temperature is uniformly distributed.
- Spray nozzle is specially made, enable to spray the salt water with considerable speed, then falls on the surface of samples.
- Hot and moist air keeps the humidity in the test chamber conforms testing request.
- High precision P.I.D. temperature controller limits the temperature difference within the range of $\pm 0.1^{\circ}\text{C}$.

TECHNICAL SPECIFICATIONS: -

Model No.	BCC-108-A	BCC-270-A	BCC-480-A	BCC-800-A	BCC-1440-A
Interior dimensions(mm)	WXDXH 600X450X1130	900X600X500	1200X850X500	1600X1000X550	2000X1200X600
Exterior dimensions(mm)	WXDXH 1130X630X1070	1460X910X1280	2200X1200X1450	2600X1450X1550	3000X1650X1600
Chamber Volume	108 L	270 L	480 L	800 L	1440 L
Solution Tank	15L	25 L	40 L		
Power Supply	AC 220V 50HZ			AC 380V 50HZ	
Ambient temp. & Humidity rang	+5°C ~ +35°C / <85%RH				
Testing Temperature	CASS 50°C \pm 1°C				
Air Temperature	CASS 63°C \pm 1°C				
Solution Consistence	NaCl 5%				
PH Value	CASS:3.0~3.2				
Temperature fluctuation	$\leq \pm 0.5^{\circ}\text{C}$				
Temperature uniformity	$\leq 2.0^{\circ}\text{C}$				
Temperature deviation	$\leq \pm 2.0^{\circ}\text{C}$				
Spray quantum	1.0~2.0(ml/80cm ² /h)				
Chamber Material	polyvinyl chloride (PVC)				
Heater	Corrosion-resistant titanium tube				
Temperature sensor	Platinum Resistance (PT-100)				
Safety device	Over-temperature protection , leakage protection				