



Better Quality Better Life



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## Salt water spray tester BST

### Features

- P.I.D. control on the basis of 5 directions heated from the test chamber keep the temperature difference within  $\pm 1^\circ\text{C}$ .
- Specially made nozzle ensures mists are evenly sprayed with controlled fallen & considerable speed.
- HUNTER PRINCIPLE is used to keep saturated air moist (humidity) & prevent crystallization.
- Automatic detecting system, test stopped automatic, and lighting display when trouble, the low level of the test fluid warning device.

### Application

Salt water spray tester is widely used in corrosion resistance test for products after treated by plating, anodized, spraying, and anti-rust, to test the surface treatment of various materials. Those so-called treatments include coating, electroplating, and films of organic and non-organic materials, anodizing, anti-rest oil and corrosion resistant treatment, which may achieve the purpose of keeping the items from being corroded for a longer period.



## Salt water spray tester

## Corrosion Test Series

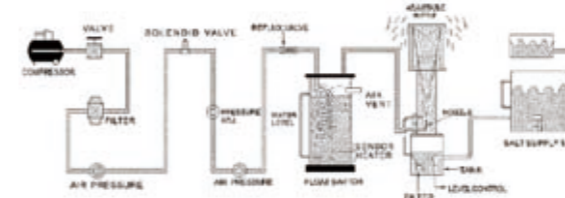
### ◆ Model Name

**B S T** - XXX

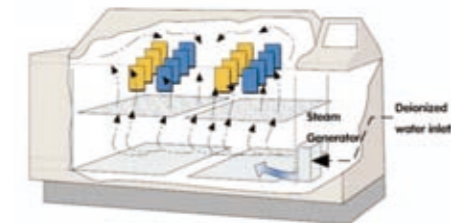
B=BACL design  
S=Salt Spray

T= Tester/Test Chamber  
xxx=Width of working volume

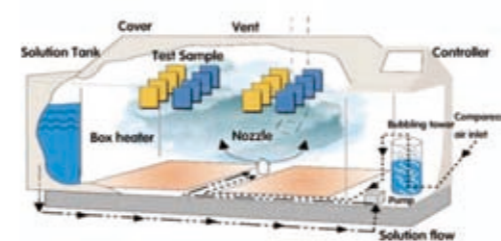
#### • Schematic diagram & Working Principle:



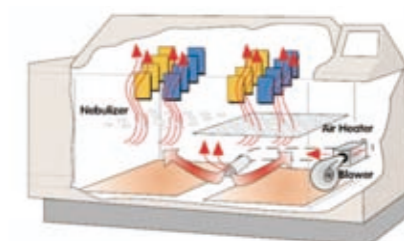
#### • Humidifying Process



#### • Salt Spraying Process



#### • Drying Process



### ◆ Specification & technical data

Model	BST -160	BST -120	BST -90	BST -60
Interior dimensions(W*H*D)mm	1600*500*1000	1200*800*500	900*500*600	600*400*450
Exterior dimensions(W*H*D)mm	2240*1500*1600	1900*1300*1400	1460*1280*910	1130*1070*630
Material	≥ 5mm Reinforced PVC			
Working Volume(Liters)	800L	480L	270L	60L
Spray water tank capacity(Liters)	40L	40L	25L	15L
Net Weight(Kg)	220Kg	170Kg	130Kg	90Kg
Power	AC220V 1Φ 50Hz,20A	AC220V 1Φ 50Hz,20A	AC220V 1Φ 50Hz,15A	AC220V 1Φ 50Hz,10A
Meet Standards	IEC68-2-11,JIS,H8502,ASTM B-117-97,ISO9227,CNS3627,3885,4159,7669,8886,JIS D-0201			
Test Chamber Temp	35±1°C for Salt Spray Method (NSS ACSS)			
	50±1°C for Corrosion-resistant Testing Method(CASS)			
Saturated air Barrel Temperature	47±1°C for Salt Spray Method (NSS ACSS)			
	63±1°C for Corrosion-resistant Testing Method(CASS)			
PH	6.5~7.2 for Salt Spray Method (NSS ACSS)			
	3.0~3.2 for Corrosion-resistant Testing Method(CASS)			
Air Supply	1.00±0.01kgf/cm <sup>2</sup>			
spray capacity	1.0 ~ 2.0 ( 80ml/cm <sup>2</sup> /h,16hr average ) adjustable ,with ≥ 85% RH,5% density			
Safety Protection	Current discharge protection, over pressure protection, Over temperature protection, over load fuse protection			
Standard feature	Glass nozzle, warning lamp, shelf,			
Option	Air compressor			