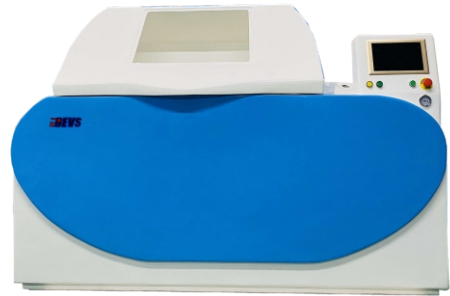


# Intelligent Multifunctional Salt Spray Tester

## ■ Introduction:

BEVS 3310 intelligent multifunctional salt spray tester is used to artificially simulate the salt spray corrosion environment. The sample is exposed to a series of different environments with repeated cycles. The test environment includes salt spray, humidity, dry air, and high temperature, one or more arbitrary combinations of humidity and constant temperature and humidity cycle. Compared with the natural environment, the salt spray environment in the chamber is several times or even dozens of times that under natural conditions. Therefore, the result can be obtained much more quickly, which can be within a few days or within a few weeks. The chamber is suitable for the test of parts, electronic components, coatings of metal materials and industrial products.



## ■ Function:

- (1) Humidity control function
- (2) Temperature control function
- (3) Salt spray function
- (4) Temperature and humidity control function
- (5) Dynamic display
- (6) Customized programming
- (7) Diagnosis function for easy maintenance
- (8) Remind function of incomplete items
- (9) Cover automatic open with anti-pinch function
- (10) Salt solution level monitoring function
- (11) Automatic water change function
- (12) Remote control

## ■ Application:

- (1) Continuous salt spray
  - a. Neutral Salt Spray Test (NSS)
  - b. Acetic acid salt spray test (AASS)
  - c. Copper accelerated acetic acid salt spray test (CASS)
- (2) CCT cyclic corrosion test
  - a. ASTM G85 (A1, A2, A3, A5) test
  - b. MIL-STD-202F electronic and electrical components test
  - c. ISO 6270 Condensate Climate Test
  - d. Customized CCT cycle test
- (3) Other tests
  - a. PSA D17 1058 (Renault Auto) Salt Spray Test and Rating
  - b. CVTC54042-2014 (SAIC) neutral salt spray test of metal parts
  - c. JNS 30.03.17 (Jaguar) salt spray test

## ■ Technical info:

Power	7.5KW (full power )
Power requirements	Three-phase five -wire , 380V, 50-60Hz, single-phase max. current 20A
Air supply requirements	Pressure 0.5-0.7Mpa, not less than 45L per minute
Environmental requirements	Ambient temperature : +5 to +35℃ (no icing), Ambient humidity: max. 85% RH (no condensation )
Capacity	800L
Instrument dimensions	L1800 *W1200 *H1400mm
Instrument weight	250KG
Humidity range	20% -100%, accuracy ± 4%
External solution tank	120L
Salt spray scattering rate	0.5-4.0ml/h/80cm <sup>2</sup> , automatic adjustment
Salt spray pressure	0. 1-0.4Mpa, automatic adjustment
Heating method	Titanium tube heater
Temperature control range	Ambient to 65 ± 2℃
Temperature uniformity	± 2℃
Deionized water filling	Auto fill
Test board bracket	A total of 12 bays on two floors
Bay slot	16
Hanging rod	A total of 12 pole positions on two floors
Bracket load	Up to 60kg
Hanging rod load	Up to 50kg
Max. sample size	L690 *W450 *H500mm
Test program storage	100
Number of multitasking runs	10

## ■ Order info:

BEVS 3310 Intelligent Multifunctional Salt Spray Tester