



Suga Test Instruments Co., Ltd.

# Table-top type with compact design.

## Salt spray test instrument STP-30

STP-30 is not only able to be installed in a small space such as a table but also can perform on ISO 9227:2017 which is the most basic salt spray test method among corrosion acceleration tests to evaluate the corrosion resistance of metallic materials. It is widely used for quality control and acceptance inspection.



Invention Award 2019  
Tokyo Governor's Award

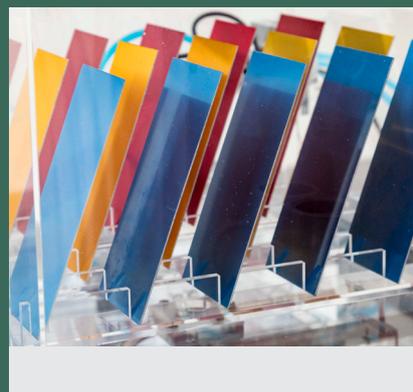
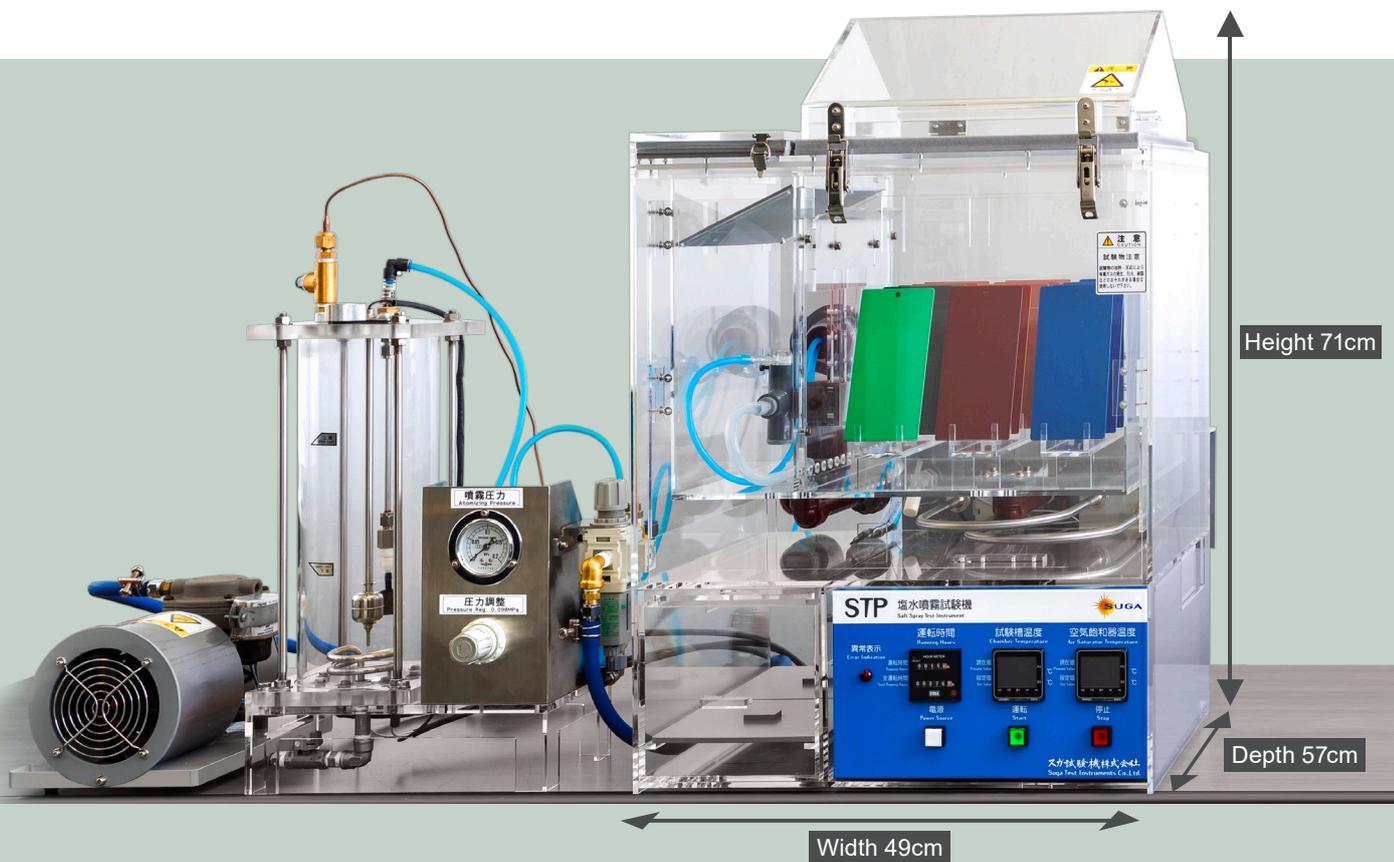


Tokyo Innovative Recognition and  
Trial Purchase Program 2020  
**Certified Product**

From Sep. 8, 2020 to Mar. 31, 2023



Going-Global Innovation  
Competition 2020  
**Excellence Award**

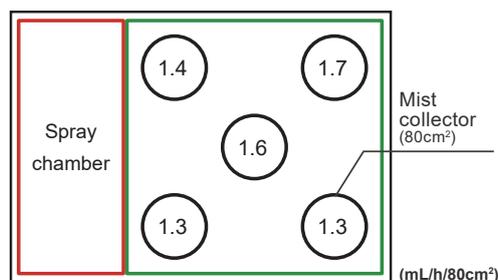
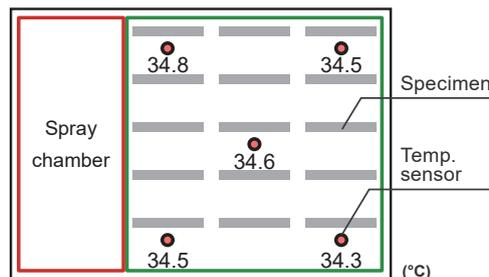
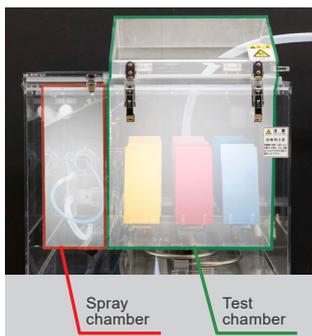


## Can be installed on table-top.

Developed to meet your needs "Desire to install it in a small space", "Desire to test a small number of specimens". This size is approximately 1/3 width, 1/2 height in comparison with ordinary models, able to be installed in a small space, and able to test a small number of specimens timely.

## Highly accurate performance.

Combination with the double-chamber heating method makes the spray volume and temperature distribution uniform throughout the test cabinet even in a small and enables tests to conform to ISO 9227:2017 (Corrosion tests in artificial atmospheres - Salt spray tests).



	ISO 9227	STP-30 specification	STP-30 data (reference only)
Temperature uniformity	35±2°C	35±1°C	34.3 to 34.8°C
Spray amount distribution	1.5±0.5mL/h/80cm <sup>2</sup>	1.5±0.5mL/h/80cm <sup>2</sup>	1.3 to 1.7 mL/h/80cm <sup>2</sup>

## Utility.

Water supply and drainage do not require piping connection. Using the exhaust treatment unit (option) enables the treatment of salt mist, eliminating the need to pipe the exhaust to the outside. Electric power requirement is only single 100V outlet with a single-phase 100V13A specification. For different power supply, step-down transformer is available as option. CE marking model is available.

Specification	
Temperature	35±1°C
Test solution	5% neutral salt solution
Test chamber dimension	Approx. 30(W) x 30(D) x 30(H)cm
Specimen number	15 pieces (Specimen dimension: 150×70×1mm)
Specimen Angle	20° from perpendicular
External dimension (main unit)	Approx. 49(W) x 57(D) x 71(H)cm [96(H)cm when the rooftop is opened]
Electric capacity	Single phase 100V approx.13A (Supplied with power cord with earth leakage breaker)
Operating weight	Main unit: approx. 50kg / Air saturator: approx. 10kg
Optional accessories	Exhaust treatment unit (approx.15kg) / Air pump unit (approx.5kg) / Drain plastic container / Optional cabinet
Standards	ISO 9227:2017 / JIS Z 2371:2015

