



User-friendly design

Combined Cyclic Corrosion Test Instrument

CCT-1LM

This is a test instrument for simulating the usage environment of products and materials (subtropical zone, cold region, etc.) by various cycle test conditions (salt spray, dry, humidity, salt solution immersion, open (ambient) air, low temperature, high humidity).



Large capacity

By new designed mist dispersion tower, it is possible to uniformly spray salt solution and secure a wide space. It is easy to clean the chamber and take samples in and out. Large sample and finished products can be directly tested.

Easy to put in and take out large sample by slide door

The conventional (existing) hinged door is completely changed to slide door. It does not prevent a flow (movement) line regardless of large slide door that improves workability. The floor is not soiled by water drops sticking to inside the door.

Smaller footprint

The exhaust treatment unit (option) that can be built into the apparatus body, Installation of the exhaust treatment unit and a piping space are no longer required.

ISO/IEC 17025 Calibration

The worldwide highly reliable test is possible for spray pressure gauge, dry/wet bulb sensor, air saturator thermal sensor, immersion solution tank thermal sensor by ISO/IEC 17025 calibration.

Test Conditions and Specifications

Test Condition	Salt spray	35°C[5% Neutral salt solution] / 50°C Spray amount: 1.5±0.5mL/h/80cm ² (at 35°C)
	Dry, Humidity	20 to 70°C, 25%rh(at 60°C), Open (ambient) air introducing method
	Humidity	50 to 70°C, 60 to 95%rh(at 50°C)
	Immersion	(RT+10) to 60°C, Immersion solution level: Approx. 180mm [5% Neutral salt solution]
Single (Independent) Test or Cyclic Test	Open (ambient) air	No temp. / humid. control
	Low temp.	-20 to 20°C
	High humid.	50°C, 95%rh or greater (JASO cyclic test)
Control Accuracy		
Temp. ±1°C		
Humid. ±5%rh		
Specimen dimensions, Angle, Number		150 x 70 x 1mm, 15° or 20°, 112pcs.
Max. load		50kgf (Equal load)
Chamber dimensions		Approx. 85(W) x 80(D) x 103(H)cm
External dimensions		Approx. 194(W) x 205(D) x 223(H)cm (While Touch panel is housed)
Operating weight		Approx. 1300kg
Electrical requirements		Three-phase 200V Approx. 67A
Standards		JASO M609, JASO M610, ISO 14993, IEC 60068-2-52 and others

Various options are available, including Automatic water supply system for air saturator, Solution Supplying Unit, Exhaust Treatment Unit (internal/external), Immersion solution filtration filter. Model CCT-2LM with a larger test chamber is also available (approx. 150(W) x 80(D) x 103(H)cm).