



QC-619T, Abrasion Tester

The main function is to use specified Grinding Wheel with specified Load to rub the surface of specimen, and after a setup number of timer of abrasive, evaluate the following conditions of the surface after test, and ratio the endurance characteristic of abrasion for this material.

- Worn out condition
- The loss of the weight
- The loss of the physical volume
- The thickness that been worn out, etc.
- Use NBS standard gum to ratio the endurance characteristic of abrasion for this material.

Specification:

- Machine Dimension: 33 ×43 ×30cm
- Machine Weight: 30 kg
- Power Supply: 240V 50Hz
- Rotary Speed: 60RPM (Or to be specified)
- Counter: LCD display, 6Digit (Optional Setting), Auto-Brake
- Load (Weights) : 250g, 500g, 1000g (Free assorting by user)
- Grinding Wheel specification: (As customer specifies)
- The cleft between Grinding Wheel and Specimen Plate-Holder: 37 ~ 38mm
- Grinding Wheel: Diameter 2", thickness 1/2"
- Pitch of Left and Right Grinding Wheel: 63.5mm
- Specimen size: Ø100mm, center hole: Ø8mm, thickness: 0.5~3mm (Adjustable), available for soft/hard material
- Accessories: Vacuum cleaner 1Set, Specimen cutter 1Pc (A), Wrench 1Pc (K), Grind Wheel 1Set (B), Sand Paper 5Pcs (C)
- Attachment: Warranty Certificate, Instruction Manual each one piece.



MSS-B, Salt Spray Testers

Testing Chamber: It is made of P.V.C. sheet, its internal structure uses advance technical of stainless steel pipe. The feature is well-reinforced, temperature well kept, and deformed free and keep temperature stable

- Heat-up method of chamber is "5 direction heat-up method", able to control constant temperature inside chamber ($\pm 1^{\circ}\text{C}$)
- Saturated air tank: The heating air purpose saturated air tank for mist spraying is made of stainless steel SUS 304, its feature with press-resistant, water-leakage free, air-leakage free, and deformed free, This installation also included auto-deleted when over pressure, to ensure a longer life span
- Heating constant temperature installation: It using 5-directions heating up by water type to control temp. Ensure temperature kept and constantly. It is also help to prevent the Choppy temperature- Electricity saving for long period use
- Specimen placement: The specimen angle is $15^{\circ}/30^{\circ}$. Place them average ready to test, standard specimen size is 150

x70mm or 100 x 65mm, finished-products test directly is also available. It is use glass-made nozzle and conformed to Bernoulli theorem to make salt a mist shape & fallen mist capacity is adjustable. (Generally use 1-2cc/hour) **Usage:** Salt spray tester is used for testing rust-proof treatment of material, such as metal surface that after painting, coating, electroplating, anodizing, films of organic and non-organic...etc. It's a corrosion and Rust-Resistant test. It is for checking the corrosion-resistant of products (specimen) under long time corrosion after treatment like anodize, rustproof oil, chemical, etc.

Accessories: 1) Air compressor: 1Set. 2) Testing purpose pharmaceutical products: NaCl (Sodium chloride), NaOH(sodium hydroxide), CuCl (copper (I) chloride), and CH₃COOH (glacial acetic acid) each one bottle. Adjust appliances: Litmus paper, spoon, straw, and concoct tank for each

- The main difference between the above stated types are the testing chamber's capacity. Other functions are the same
- The industrial standard request the testing capacity reached 0.43m³ or above. Selecting proper type according to consumer's specimen size requirement.

Model		MSS-A	MSS-B
Internal Dim. (cm)		W60xD40xH45	W90xD50xH60
External Dim. (cm)		W125xD106xH94	W155xD120xH105
Quantity of collecting cup		1PC	2PC
Power of heater (Watt)		1000W	2000W
Temp. range	Chamber	Room temp. ~50°C	
	Air	Room temp. ~63°C	
Features	Temp. constancy	$\pm 0.5^{\circ}\text{C}$	
	Saturated air pressure (kg/cm ²)	0.8~2.0 ± 0.01	
	Spray volume (ml/80cm ² /hr)	0.5~0.3	
	PH-salt spray test	6.5~7.2	
	PH-CASS test	3.0~3.2	
Material	Exterior	P.V.C or P.P	
	Interior	P.V.C or P.P	
System	Salt spray vehicle	Air+acid (base) liquid	
	Heating	SUS#316 Stainless steel heater+Teflon coating	
	Control	Digital electronic control	
Power source		AC 1Ø, 220V $\pm 10\%$, 50/60Hz	