

T-MACHINE

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WEATHER METER (UV, Sunshine, Xenon)



Since 1980 a tradition of leadership in Environmental testing

**Specification are subject to change*

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TECHNICAL SPECIFICATION

Weather Meter

Model		TMJ-9705	TMJ-9706	TMJ-9707		TMJ-9708
Item				TMJ-9707A	TMJ-9707B	
Light source		ENCLOSED CARBON	SUNSHINE CARBON	Xenon Arc 2500/3500/6500 W Water / Air Cooling	Xenon Arc 3500W Water / Air Cooling	U.V.R. Carbon
Inside Dimension (W X H X D)		1000 X 900 X 1000 mm	1000 X 1000 X 11000 mm	1100 X 1100 X 1100 mm 870 X 870 X 900mm	700 X 700 X 900 mm	700 X 900 X 700 mm
Outside Dimension (W X H X D)		1300 X 2000 X 1300 mm	1400 X 2000 X 1400 mm	1400 X 2000 X 1400 mm		1150 X 1800 X 900 mm
Testing Time		24or 48 Hr	60 or 72 Hr	Set able as request (Lamp life >2000 Hr.)		24 or 48 Hr
Testing Voltage		120 V TO 145 V (135V)	48 V TO 52 V (50 V)	190 +/- 15 V		120 V TO 145 V (135 V)
Testing Current		15 to 17 A (16 A)	58 to 62 A (60 A)	35 +/- 2 A		15 to 17 A (16 A)
Black Panel Temperature		Constantly 63 +/- 3° C Or 83 +/- 3° C Automatically	Constantly 63 +/- 3° C Or 83 +/- 3° C Automatically	63 ° C		
				B.S.T. (Surface Temp.) 89 ° C	B.S.T. (Surface Temp.) 97 ° C	
Specimen Drum		800mm dia.	960 mm dia.	960/630mmdia.	508 mm dia.	508 mm dia.
Drum Rotation speed		1RPM	1RPM	1RPM	3 RPM	3 RPM
Test Specimen		150 x 70 mm 60 Pcs (2 Stage) 90 Pcs (3 Stage)	150 x 70 mm 76 Pcs (2 Stage) 114 Pcs (3 Stage)	150 x 70 mm 76 Pcs (2 Stage) 114 Pcs (3 Stage)		50 x 50 mm 40 Pcs (2 Stage) 60 Pcs (3 Stage)
Filter Glass		---	---	BORO/QUAZE		---
Temperature Range		10 ° C above Room Temperature to 85 ° C	10 ° C above Room Temperature to 85 ° C	10 ° C above Room Temperature to 85 ° C		10 ° C above Room Temperature to 63 ° C
Humidity Range		Dry at 40 ° C, RH is 40 % to 85 % Dry at 80 ° C, RH is 30 % to 50%	Dry at 40 ° C, RH is 40 % to 85 % Dry at 80 ° C, RH is 30 % to 50%	20 % ~ 98 % RH		WICK TYPE NATURE
						PAN TYPE CONTROL
Carbon Rod	Upper	13 φ X 305mm (1 unit) or 23 φ X 106 mm (1 unit)	35 φ X 350 mm (4 unit)	----		13 φ X 305mm (1 unit) or 23 φ X 106 mm (1 unit)
	Lower	13 φ X 100mm (2 unit) or 18φ X 105 mm (1 unit)	23 φ X 350 mm (4 unit)	----		13 φ X 100mm (2 unit) or 18φ X 105 mm (1 unit)
Power Consumption		220V single phase 11KVA	220V single phase 13KVA	415V Three phase 13 KVA		220V single phase 6 KVA
Weight		380 KG	400 KG	400 KG		350 KG