

**TMJ-9710 Standard Rain Tester**

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**Specifications**

- Inside Dimension (WxHxD):  
1000x1000x1000mm
- Outside Dimension(WxHxD):  
1450x2000x1300mm
- Temperature range : RT to 85<sup>0</sup>C
- Temperature resolution : ±0.1<sup>0</sup>C
- Rain Capacity
  - R1 : 1.8L/min
  - R2 : 3.2L/min
  - S1: 24.5L/min
  - S2: 39.2L/min
- Rain Pressure
  - R1: 0.1kgF/cm<sup>2</sup>
  - R2: 0.3kgF/cm<sup>2</sup>
  - S1: 1kgF/cm<sup>2</sup>
  - S2: 3kgF/cm<sup>2</sup>
- Test Specimen Frame : Adjustable 4 to 17 RPM
- Spray Nozzle Rotation Speed: 23RPM
- Power Consumption : 220V, 5KW/9KW
- Weight : 400kg
- Safety devices : Control circuit overload & short circuit protection fuse  
Overheat protector  
Thermal fuse  
Watchdog timer  
Emergency switch  
Warning light: for low water level  
Test end

The TMJ-9710 Rain Tester is designed To test a wide range of materials including: Films, Textiles, Leather, printing, paints, ink, Automotive parts, Hand phone, Electronic parts and components and etc. in testing the materials Rainproof capability and functionality.

Through advanced technology and quality engineering T-Machine has produced this Rain Tester which is accurate and easy to use. Powerful as a stand alone unit The T-Machine 9710 Rain Tester can be used in laboratory and factory environments.

T-machine guarantees the resolution and accuracy of the machine by providing a traceable calibration certificate free of charge.

International test standards related as following :

- SAE : J575E
- JIS : D0203, D5500
- CNS : 7138
- MIL : 810D, 810E

*Since 1980 .... a tradition of leadership in Environmental testing*

*\*Specification are subject to change*

# T-MACHINE

## TECHNICAL SPECIFICATION TMJ-9710 Standard Rain Tester

Model		TMJ-9710A	TMJ-9710B	TMJ-9710 C IEC60529	
Inside Dimension (W X H X D)		1000 X 1000 X 1000 mm			
Outside Dimension (W X H X D)		1450 X 2000 X 1300 mm			
Test Temperature		Normal (RT-85 °C)(BPT)	Water Flow Rate		
Rain (Spray)	Capacity	R1	1.8 l/min ↑	IP x 1	1 + 0.5 -0 mm/min
		R2	3.2 l/min ↑	IP x 2	3 +0.5 -0mm/min
		S1	24.5 l/min ↑	IP x 3	60 2.3 L/min
		S2	39.2 l/min ↑	IP x 4	180 3.5 L/min
	Pressure	R1	0.1 kg/cm2	IP x 5	12.5 L/min
		R2	0.2 kg/cm2	IP x 6	100 L/min
		S1	1.0 kg/cm2	Tube Radius R200 ~ 1000 mm	
		S2	3.0 kg/cm2		
Test Specimen Frame		Adjustable to 17 RPM		1 RPM	
Spray Nozzle Rotation speed		23 RPM		4 S at 60 ° 12 S at 180 °	
Power Consumption		220 V Single Phase 5 KW		220 V Single Phase 5 KW	

### T-MACHINE

#### T-MACHINE TECHNOLOGY CO., LTD.

**FACTORY :**

NO. 35, LANE 88, KWANG FU RD., SECTION 2,  
SANCHUNG CITY, TAIPEI HSIEN, TAIWAN R.O.C.

**REGIONAL OFFICE :**

**LEADER TECHNOLOGY SCIENTIFIC ENTERPRISE**  
NO. 2, JALAN 5/1, TAMAN INDUSTRI SELESA JAYA,  
43300 BALAKONG, SELANGOR DARUL EHSAN,  
MALAYSIA. TEL: 603-89616453 FAX: 603-89616458

E-mail : [leadertech@pd.jaring.my](mailto:leadertech@pd.jaring.my)

<http://www.lt-scientific.com/>

Local Agent