

Rain test chambers (Shower spray test, Jet spray test, car wash test)

ETSP-RT series

ETSP-RT series are designed for the simulation of Rain/water spray as per JIS D 0203, SAE J2245, J575.

Shower Spray nozzles as per JIS standard. (S1, S2, R1, R2 testing)

-Heavy splash/shower (S1, S2 spray): 40 nozzles at 14.2 psi (1 kgf/cm²) for 30 minutes. The flow rate of the water shall be 6.5 gallons/min. (24.5 L/m).

-Light spray/rain (R1, R2 spray): two nozzles at 4.3 psi (0.3 kgf/cm²) for 10 minutes. The flow rate of the water shall be 0.8 gallons/min. (3.2 L/m).

JET spray test: table: rotation 4RPM, Water flow rate: 100liter/min = 6000liter/hr = 6m³/hr

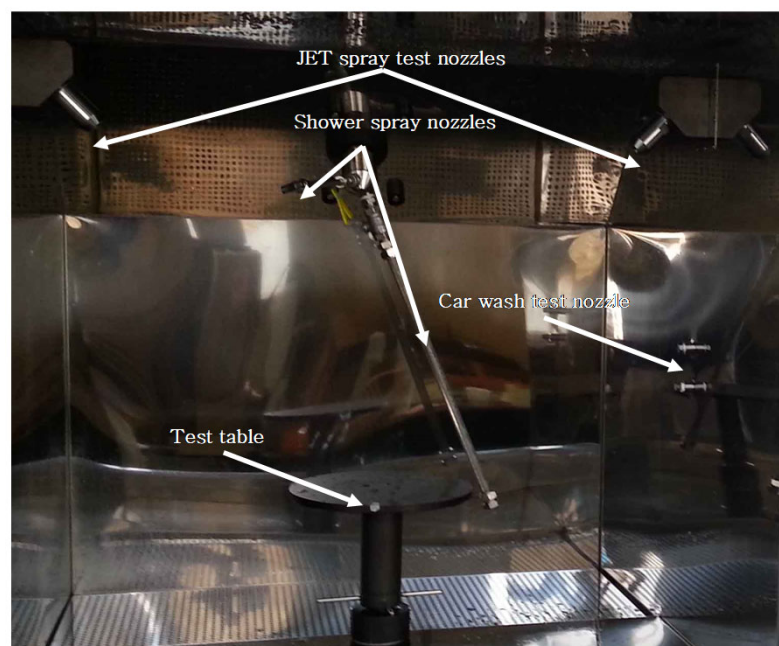
CAR wash spray test: table rotation 5RPM, Pressure 80~100Kg/cm²

ETSP-RT series are manufactured according to the Total Quality procedures, in compliance with the ISO 9001 standard.



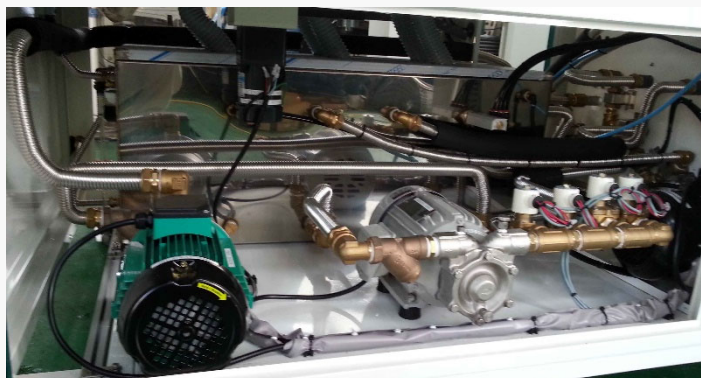
General Features

- Suitable size of ergonomically designed and elegantly finished control panel



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- Water circulation system



- Rotating table
- Heating :Up to 80°C±5°C (optional)

- Control & Monitoring system



Technical Specification

Model	Internal dimensions	External dimensions	Useful capacity
ETSP-RT 512	800 X 800 X 800 (W X D X H) mm	1370 X 1245 X 1860 (W X D X H) mm	512 liters
ETSP-RT 729	900 x 900 x 900 (W X D X H) mm	1470 x 1345 x 1960 (W X D X H) mm	729 liters
ETSP-RT 1000	1000 x 1000 x 1000 (W X D X H) mm	1570 x 1445 x 2060 (W X D X H) mm	1000 liters
ETSP-RT 3000	1300 X 1300 X 1300 (W X D X H) mm	1870 X 1745 X 2260 (W X D X H) mm	2,197 liters

Note :Custom designed chambers are available on user's demand.

Timer: LED timer

Safety devices : Leakage breaker, circuit breaker, overheat protector, emergency shut off switch.

Included accessories

- Viewing window (reinforced window) and interior light



- Upper limit temperature (Over heat protector)

- Hard copy/soft copy instruction and maintenance manual
- Three color tower light
- Caster for moving

