



Spray and Rain Test Chambers

Global Leading Integrated Solution Provider for Environmental and Climatic Simulation Test

Features

- Accept customized design requirements.
- Properties and applications meet the military and industry standards.
- 7" touch screen display and intelligent software for easy and comfortable operation.
- Automatic water supply with ultrapure filter devices (optional) ; water shortage reminder function.
- Dynamic adjustment temperature control system: rapid and stable control of test chambers' temperature.
- Used-water designed recyclable through filtering.
- Special design for rain and water environment; durable structure with sealed and heat insulation.
- Fashionable design of modular construction.
- Optional observation window in testing space with a dust wiper for real-time monitoring.
- Intelligent and independent protection design for overload, overheating, power-supply abnormality, overvoltage, component malfunction monitoring.
- Optional network video monitoring and data synchronization.
- Optional remote-assist service function and teaching CDs.

Specifications

Model	EFS-PRO Series			
Standards	GJB-150.8-2009			
Spray Water Test:			Water-dripping Test:	
Temp. Range (°C)	RT +10 ~ + 55		Temp. Range (°C)	RT +10 ~ + 55
Spray Intensity (cm/h)	10~20 (Rotating shelf spray rate; Programmable)		Dripping Area (mm)	760 × 760, Dripping Platform adjustable
Water Drop Diameter (mm)	0.5 ~ 4.5		Water Drop Diameter(mm)	0.5 ~ 4.5, Dripping Hole Distance 25.4
Air Speed Range (m/s)	5~18 (Rotating Shelf entry horizontal air speed)		Rain Rate (L/m ² .h)	280 ± 300
Spray Time (min)	Programmable (0~999); auto-controlled and cycled		Distance(m)	Dripping Distance 1
Warm Up Range(°C)	Water Temp. +10 (Max +55)		Water Supply	Continuously Pump Auto-Supply;controlled
Rotating Shelf Dimension(mm)	φ 800, Rotating Shelf speed adjustable		Dripping Time (min)	0~999, programmable
Specimens weight (kg)	65		Specimens Dimension(mm)	Max. Dimension : φ 700 × 700
Specimens Dimension(mm)	Max. Dimension: φ 700 × 700			
Water-Proof Test:				
Water Spray Pressure(KPa)	276		Water Supply Method	Water Pump Supply Continuously
Stainless Steel Nozzles	Overhead, grid-shape, nozzle angle adjustable		Test Time(min)	0~999, Adjustable
Nozzles Amt	at least 1/0.56m in the raining range Nozzles		Water Drop Diameter (mm)	2~4.5
	installed 450mm~500mm to the surface of samples			
Specimens Dimension(mm)	Max, Dimension φ 700 × 700			
Test Space Dimension(mm)	1500W × 1500D × 1600 H			
Power	AC380V ± 10%, 50HZ, 3/N/PE			

Model	EFS-LX Series	EFS-LC Series	EFS-LV Series
Test Space Dimension(mm)	900W × 900D × 900H(1400)	1300W × 1300D × 1300H(1800)	1700W × 1700D × 1700H(2200)
Optional water-proof test abilities (composable)	IPX1 · IPX2 (Dripping test; vertical, slope 15°); IPX3 · IPX4 (Swing pipes or Spray test); IPX5 · IPX6 (Flush Test); IPX9 (Shower test).		
Standards	GB4208-2008/IEC60529:2001		
Power	AC230V ± 10%, 50HZ, 1/N/PE		

Options

- Entry ports
- Power outlets for specimens
- Spare parts package
- E-management and cyber-software
- Video monitor system

Standard Version

- Matched rotating shelf for specimens
- Water filter