
Water Spray Test Chamber – IPX3&4

EQUIPMENT DETAILS



GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 1480*1300*1850mm

Power supply source: 1-phase, 220V±10%, 50Hz (can be appointed)

Gross Weight: 300kg

STANDARD FEATURES

Item	Specification
Internal dimension	(W*D*H)1000*1000*1000mm
External dimension	(W*D*H)1300*1100*1700mm
Oscillating tube	Radius 400mm
Oscillating angle	IPX3: spray ±60° from vertical line to each side, total 120° IPX4: spray ±180° from vertical line to each side, total 360°
Oscillating speed	IPX3: 2*120° for 4s IPX4: 2*360° for 12s
Spray nozzle	Diameter: 0.4mm, removable Ensure the water sprays in a line and without tolerance
Distance between two nozzles	50mm
Turntable diameter	500mm
Turntable rotation speed	1-3 cycles/min
Water flow of each nozzle	0.07 L/min +5%
Test duration	1~999h999min, adjustable
Pressure gauge	80-150Kpa
Distance from nozzle to specimen surface	200mm
Chamber material	Stainless steel, with observation window
Safety protection device	Short circuit protection, grounding protection, water shortage protection, audible and visual alarm

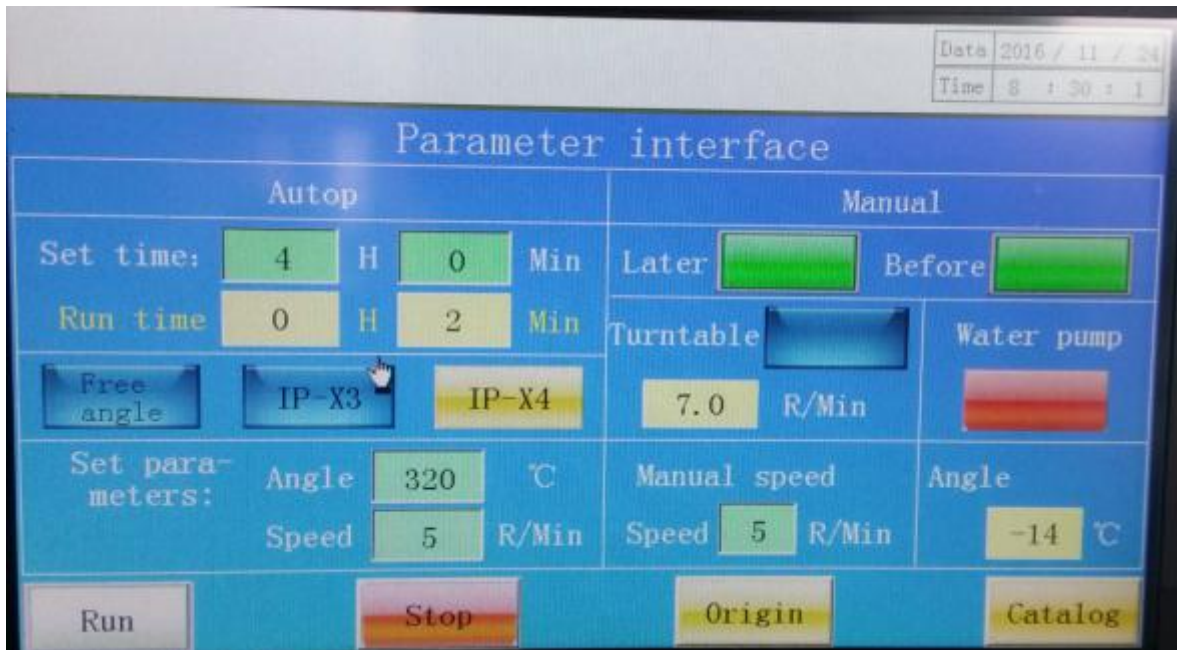
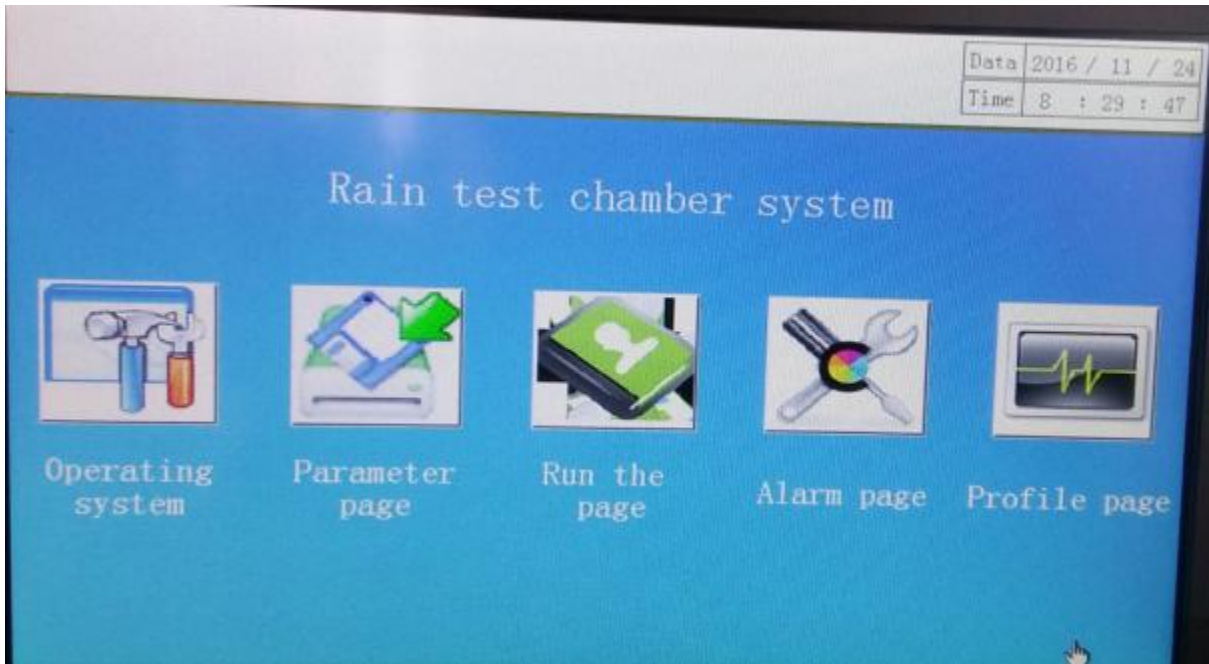
DETAIL IMAGE



Oscillating tube & sample turntable

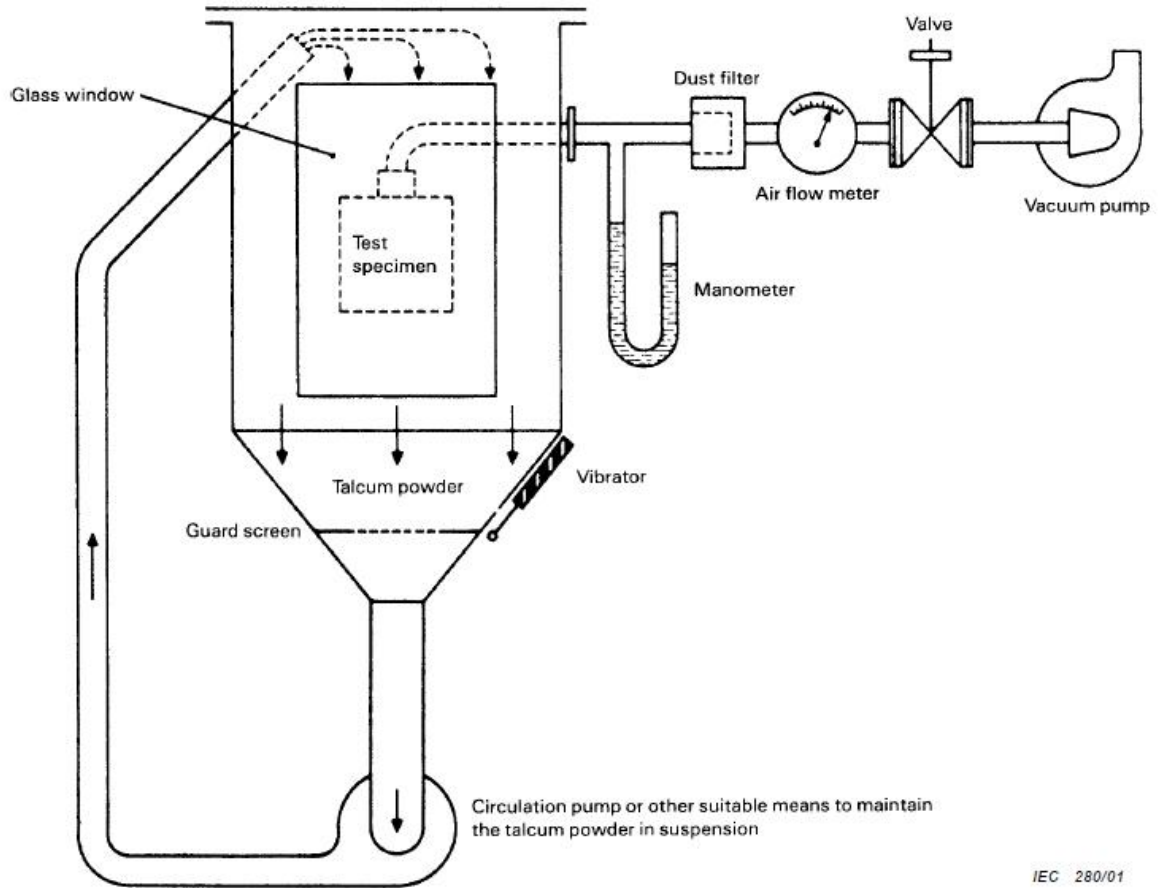


Water spray nozzle



PLC operation interface

DESIGN DRAWING AS PER IEC60529



IEC 280/01

NOTE See IEC 60068-2-68, figure 2 valid for La2 only.

Figure 2 – Test device to verify protection against dust (dust chamber)