

ASLI Sand and Dust Test Chamber



Application:

Sand and dust test

chamber is used for dust test including floating dust and cyclone dust: for all kinds of automobile parts, such as, auto mobile lamps, meter, safe belt, seat regulator, dirt-proof boot of electrical appliance, lockers etc.

Features:

1. Adopt strong spray dust device, the user can operate independently for No.1 floating dust, No.2 floating dustt,No.3 floating dust on the gauge panel.
2. Adopt vibration device; spray dust's density can be the same every time.
3. Precision collection for dust concentration, Can reduce the misestimate concentration because of improper operation
4. Meet DIN, IEC, GB, ISO, JIS standard
5. Control system: be connected with and monitored by computer
6. Convenient design for dust cleaning.
7. synchronous resonance function to ensure of the uniformity of dust concentration

Technical parameters:

Model	DT-F1	DT-F2	DT-F3	DT-C1	DT-C2
Remark	F for floating dust			C for cyclone dust	
Concentration of Sand and Dust	F1: 60000mg/m ³	F2: 3000mg/m ³	F3: 100mg/m ³	C1: 5000mg/m ³ 5m/s	C2: 100mg/m ³ 10m/s

Internal Dimension WxHxD (mm)	1000x1000x1000	1000x1000x1000
External Dimension WxHxD (mm)	1600x1800x1300	1650x1850x1450
Temperature Range	RT(25°C±15°C), or lab temperature	RT(25°C±15°C), or lab temperature
Humidity Range	35~90% R.H., or lab humidity	35~90% R.H., or lab humidity
Talcum Powder Dosage(Kg/m ²)	2 ~4	
Metal Net Mesh Standard Diameter (µm)	50	
Diameter Between Metal Wires (µm)	75	
Powder Spray & Dust Fall Mode	1. Dust fall freely: adopt centrifugal fan to blow the sand or dust to 1/5 of roof, fall freely. 2. Blow the sand or dust: pressure spray dust from the bottom, multi-steps pressure adjustable	
Test Standard	Meet JIS, ISO, IEC60529,DIN40050,GB2423 test standard	
Power	AC 220V, 1φ 3 Lines, 50/60HZ ;	