

Dust Test Chamber

Dust Test Chamber is designed to simulate dust in controlled atmosphere. It aims to determine the degree of protection against harmful deposits of dust (IP5X) and against ingress of dust (IP6X). Numeral 5 allows a limited quantity of dust to penetrate the enclosure under certain conditions. Numeral 6 does not allow any dust to penetrate.

There are mainly two kinds of test - (F) suspension dust & (C) flow dust, to test dust-resistance for safety of operation



Features

- Exterior is powder coating finished with good appearance.
- Interior is non-magnetic stainless steel
- Large viewing window with extruder rubber wiper with rotating handle
- Special designed nozzle, uniform suspension dust
- Floating dust agitation with air velocity control by speed adjustable blower and motor
- Aerial current agitation with variable rpm blower motor and filtration of dust at sucking sections
- High density dust filter
- With shelf for easy to place specimen

Standard

- IEC-600529 DIN-40050 IP5X & IP6X, SAE-J575, ISO-20653 and IEC-60068-2-68 standards

Model	JTH-D-1000F			JTH-D-1000C	
Internal Dimension mm (WxDxH)	100x100x100			100x100x100	
External Dimension mm (WxDxH)	1550x1300x1800			1550x1300x1800	
Dust Test	Suspension dust			Flow dust	
Test Application	F1	F2	F3	IEC60529	
				IP6X	IP5X
Dust Concentration (mg/m ³)	60000 above	3000 above	100 above	5000 above	100 above
Flow rate (m/s)	no limit			5	10
Test Cycling Controller	Time control 0 ~ 999 sec , 0 ~ 99 HR			Time control 0 ~ 99 HR	
Power	220Vac 50/60Hz				

* custom size also available