

수직형 날림먼지 시험장비 규격서

COMMODITY DESCRIPTION

HS NO	ITEM NO	DESCRIPTION	UNIT	Q'TY
		Vertical blowing dust tester	SYSTEM	1

A. Features

Dust Tester is designed for the tests of the resistibility of electro-technical products against dust of your parts and accessories. The chamber will check the dust tight and dust proof features such as whether the dust will penetrate into the inside or adhere on the surface. The chamber could be used on the automotive lamps, instruments, seat unit regulator, locks and steering parts, etc.

B. Technical parameters

Model	DT-1000C
Test method	Flow dust test (C type)
Temperature	Room temperature ~ . 80℃ (heating from air tube)
Humidity	45 ~ 85%RH (natural humidity, no control)
Dust concentration	3000 ~ 07000 mg/m ³
Air speed	1.5 ~ 510m/s adjustable
Duration	999.9H/M/S
Dust	Talcum powder
Standard complied	IEC60529/MIL 810F.510.4a

C. Material and structure

model	Interior dimensions	Exterior dimensions
DT-1000C	100x100x100(WxDxH)CM	156x135x215(WxDxH)CM

1. Interior material: stainless steel (SUS #304)
2. Exterior: paint coating steel plate
3. Strengthened wall structure with sound absorbing sheet which will reduce the noise during operation.
4. Specimen rack; 1ea; load capacity maximum 200kg electrical parts
5. Powerful dust spray device and oscillator to keep the dust uniform and dry in the workspace
6. Fan: inverter control and multi-blade fan to keep its accuracy
7. Door: one swing door with window 380*310mm*2, lamp, manual dust wiper;
anti-explosion handle
8. Dust sampling unit; 1ea
9. Electrical temp/humid sensor and air speed sensor; one for each
10. Negative tests available and the user can adjust the suction volume
11. Cable port: dia150mm on left wall for cables in-and-out with a silicon plug
12. Foot pad and wheels in the bottom for movement and fix

D. Control panel

1. Non fuse power source switch (one set)
2. Temperature controller (one set)
3. Humidity indicator (one set)
4. Running timer (one set)

5. Air speed indicator (one set)
6. Negative test flow meter (one set)
7. Running status indication (one set)
8. Window lamp switch (one set)
9. Power switch (one set)

E. Safety devices

1. Power monitor relay and alarm
2. Fan motor overload alarm
3. Heater burns alarm
4. Insufficient air pressure alarm
5. Test end 3min alarm
6. Negative test end 3min alarm

F. Accessories

1. Operation and maintenance manual (one set)
2. Warrantee card (one set)
3. Electrical scale (one set)
4. Vacuum cleaner (one set)
5. Dust bag (PHILIPS; 4pcs)
6. Filter paper for sampling (50pcs)
7. Silicon plug for cable port (dia150mm; one set)

G. Power

3 ϕ 4W+G 380VAC 60HZ (voltage fluctuation $\leq\pm 10\%$)

H. Ground: Grounding resistance $\leq 4\Omega$