Product introduction:

1 dust testing machine / dust (dust) test box is mainly used for the shell protection level standards in the IP5X and IP6X two levels of testing.

2 Suitable for sealing performance test and reliability test of the product, check the sealing performance of the electronic and electrical products, automobile, motorcycle parts, seals, etc.

Technical Parameter:

|  |  |  |  |
| --- | --- | --- | --- |
| Model No. | D-216-5 | D-512-5 | D-1000-5 |
| Internal dimension (W\*D\*H) | 600\*600\*600mm | 800\*800\*800mm | 1000\*1000\*1000mm |
| External dimension (W\*D\*H) | 1100\*900\*1650mm | 1300\*1100\*1800 | 1500\*1300\*2000mm |
| Internal chamber material | Stainless steel 304  |
| External chamber material | Stainless steel |
| Controller | PLC controller, touch screen1. Blowing dust time (Stop/Blow) h/m/s
2. Cycle time: can be adjusted
3. Pre-set test time: 0s ~ 999h99m99s
4. Specimen opening: off – on - off
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| Testing time | 0.1s~ 999hr, adjustable  |
| Dust concentration | 2kg/m3~ 4kg/m3, should be replaced in every 20 tests |
| Dust type | Powdered cement, talcum powder |
| Vacuum system | Pressure gauge, air filter, pressure regulating FRL, connecting pipe, vacuum pump |
| Vacuum pump | 0-30Kpa |
| Air pressure | 0.5~0.8MPa |
| Air flow rate | ≤2m/s |
| Power socket inside chamber | Dust proof power socket for specimen opening |
| Door material | Tempering glass |
| Power source | Single-phase, AC220V, 50/60HZ |

**Detail Image:**

* Glass Sash

 Installed on the door (toughened glass, with a manual blowing dust), enclosure specimens were observed in the blowing dust stops. 

Dust device located in the test, at the bottom is used to replace the test required to dust, dust test 20 times need to be replaced. 

circulating fan Low noise type motor, multi-page type centrifugal rotor. 

Dustproof plug and vacuum suction nozzle 

**Internal chamber and specimen shelf** Shape of a funnel shaped, with adjustable vibration cycle, can float in the sky of dust fall in the open holes in. 