

DUST TEST CHAMBER

沙尘试验箱 HD-E706



INTERNAL CHAMBER
沙尘内箱图

仪器简介 Product Introduction

沙尘老化试验箱主要针对不同电子元件在极端的环境条件下的性能测试，遵照不同标准要求下的测试时间和测试循环组合。

Dust Test Chamber are mainly performed to test functioning of electronic components under extreme environmental conditions. Various standards specify the test duration and composition of dust used.

满足标准 Test Standard

IEC 60529, IP5X & 6X...

GB/T4208, GB/T4942.1, GB/T10485, GB/T2423.37, IEC60529...

技术参数 Technical Parameters

型号Model	HD-E706		
内箱尺寸(W*D*H) Internal Dimension	600*600*600mm	800*800*800mm	1000*1000*1000mm
外箱尺寸(W*D*H) External Dimension	1100*900*1650mm	1300*1100*1800	1500*1300*2000mm
内箱材质 Internal Chamber Material	304不锈钢, 防虫, 易清洗 Stainless Steel 304, Anti-rust, Easy to Clean		
外箱材质 External Chamber Material	不锈钢 Stainless steel		
控制器 Controller	采用可编程控制器(具备下述多种设定控制功能) a.吹尘时间(停、吹) m/s 可调 b.循环周期: 任意可调 c.预设试验时间: 0s ~ 99m99s 任意可调 d.通电: 断一通一断 PLC Controller, Touch Screen A. Blowing Dust Time (stop/blow) m/s B. Cycle Time: Can Be Adjusted C. Pre-set Test Time: 0s ~ 99m99s D. Specimen Opening: Off - On - Off		
测试时间 Testing Time	可调节 0.1s ~ 999hr, Adjustable		
箱内、管道内灰尘浓度 Dust Concentration	浓度为 $2\text{kg}/\text{m}^3 \sim 4\text{kg}/\text{m}^3$, 测试20次后更换 $2\text{kg}/\text{m}^3 \sim 4\text{kg}/\text{m}^3$, Should Be Replaced In Every 20 Tests		
测试尘类型 Dust Type	滑石粉 Powdered Cement, Talcum Powder		
真空系统 Vacuum System	压力计, 空气过滤器, 气压调整器, 真空泵, 连接管 Pressure Gauge, Air Filter, Pressure Regulating Frl, Connecting Pipe, Vacuum Pump		
真空泵 Vacuum Pump	0~30kpa		
气源压力 Air Pressure	0.5~0.8mpa		
气流速度 Air Flow Rate	$\leq 2\text{m/s}$		
承重 Loading	200kg		
内置电源插座 Power Socket Inside Chamber	可供样品带电测速的防尘开关 Dust Proof Power Socket for Specimen Opening		
门材料 Door Material	钢化玻璃 Tempering Glass		
电源 Power Source	Single-phase AC220V/ Three-phase AC380V, 50Hz, 2.5KW		