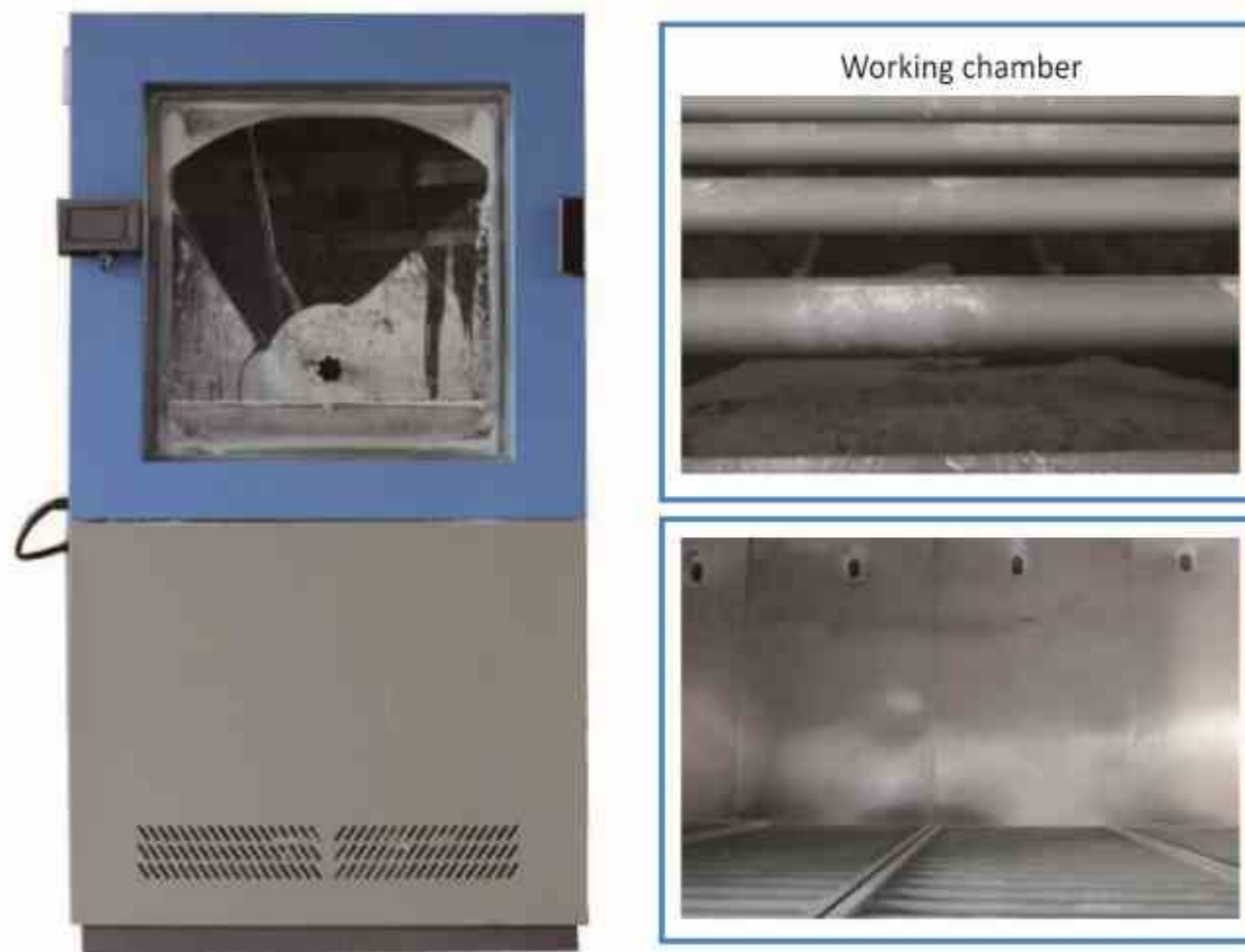


IP5X IP6X Sand and Dust Test Chamber

沙尘试验箱 TDS Series



Product Introduction

Sand and Dust test chamber simulates dust and sand climate condition to evaluate the effects on products in dust-filled environment, in order to test product sealing performance. Dust test chambers are applied in home appliance enclosure, electronic and electric products, coatings.

Climatest Symor® manufactured sand and dust chambers are specially designed to test products against dust ingress by following IEC60529 standard.

Technical Parameters

Model	TDS-500	TDS-800	TDS-1000	TDS-1500
Interior Dimension (W*D*H)mm	800×800×800	1000×800×1000	1000×1000×1000	1500×1000×1000
Exterior Dimension (W*D*H)mm	1220×1050×1550	1420×1050×1820	1420×1250×1820	1920×1250×1820
Temperature Range	RT-50°C			
Temperature Range	50um			
Nominal Distance Btw Wire	75um			
Talcum Powder Amount	2kg ~ 4kg/m ³			
Shock Time	0 ~ 99H59M			
Fan Cycling Time	0 ~ 99H59M			
Specimen Power Socket	Dust-proof socket AC220V 16A			
Controller	Imported programmable controller			
Vacuum System	Equipped with a pressure gauge, air filter, pressure regulator, connecting tube(Vacuum pump as option)			
Circulating Fan	Closed alloy low noise motor, multi-blade centrifugal fan			
Dust Heating System	Stainless steel mica sheet heating jacket			
Safety Device	Electric leakage, short circuit, Over-temperature, motor overheating Over-current protection/ Power-off memory function for controller			
Power Supply	AC380V±10%·50HZ/60HZ			
Remark	Single door or double door as customer requirement			

·Permissible environmental condition: temperature (18 to 30°C) and relative humidity > 85% RH.

·All data are under ambient temperature 20°C, unload.