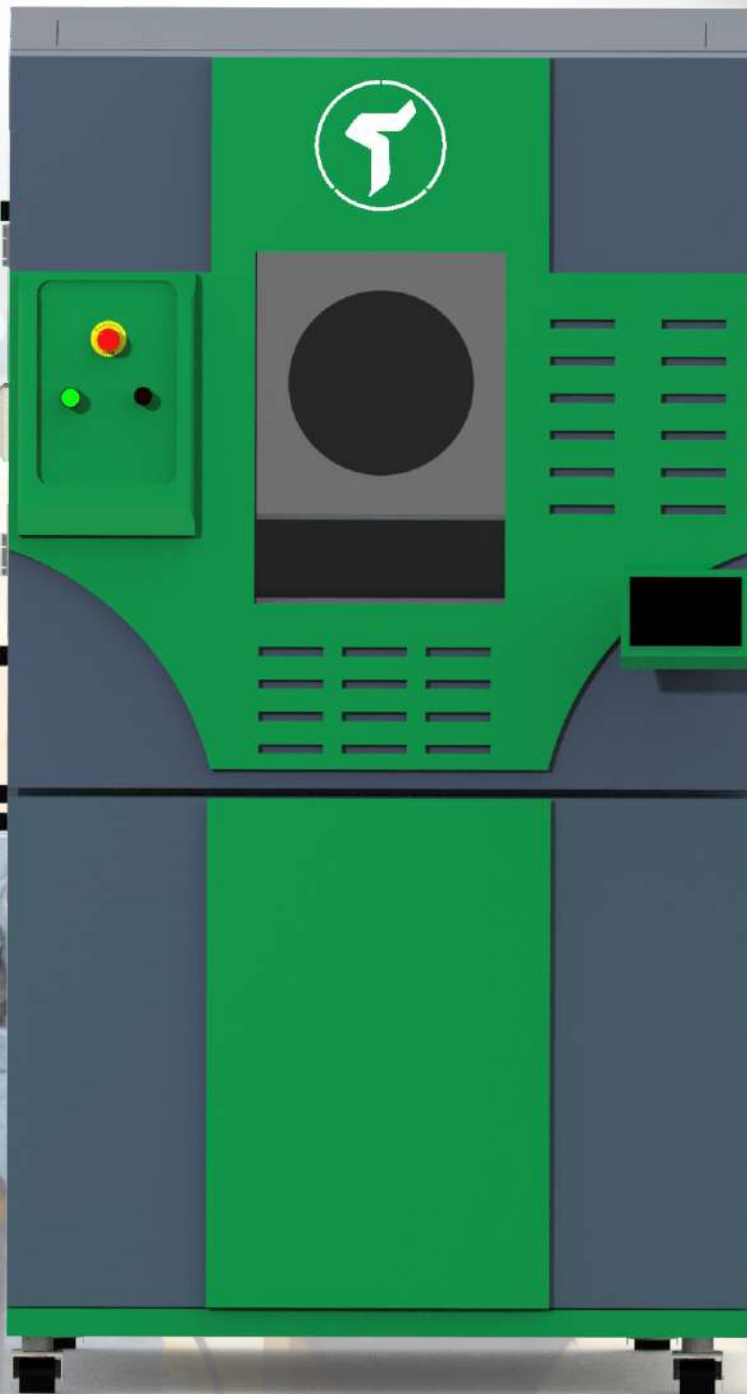




# Dust Chamber

## TCD Series





## Features

1. TCD Series Dust Chambers are designed to simulate most aggressive dust filled environments as per various international standards to meet the dust test application of electronics, automotive and other components.
2. Free-flow dust circulation centrifugal blower.
3. Dust pre-heating mechanism for free flow of the dust .
4. Uniform floating dust simulation across the test space .
5. View window with wiper .
6. Oil-free vacuum pump to simulate negative pressure for IP6X test.



## Specifications

Models			TCD1000-IP5X-6X
Internal Volumes(L)			1000 liters
Dimensions	Inner Dimensions (mm)	W	1000
		D	1000
		H	1000
	Outer Dimensions (mm)	W	1200
		D	1200
		H	2300
Material	Internal Material	Internal test chamber is manufactured with Stainless steel material.	
	External Material	Exterior material shall be made of min 2mm thick CRCS with powder coated panels/door with impressive precision & aesthetics.	
	Thermal Insulation	Internal test chamber and outer body is isolated using mineral wool ensuring no air pockets and zero conduction and heat losses .	
	Blower	Free-flow dust circulation centrifugal blower .	



## Specifications

Working temprature	25-30°C And 10-90% RH
Power Supply	Power requirement: 415VAC +/- 5%, 3 Phase 50/60 Hz, 4 wire + E.
Controller	Programmable timer to set the test duration.

