



# INDUSTRIAL **HOT AIR** OVEN





## Specifications

Models			TCO 150-250T	TCO 300-250T	TCO 600-250T	TCO 950-250T	TCO 1400-250T
Internal Volumes(L)			150	300	600	950	1400
Dimensions	Inner Dimensions (mm)	W	550	650	800	1000	1100
		D	400	600	850	1000	1350
		H	700	800	900	950	950
	Outer Dimensions (mm)	W	800	900	1050	1250	1400
		D	1150	1350	1600	1750	2150
		H	1300	1400	1500	1600	1700

Temperature	Temperature Range	40°C Above to +250°C
	Temperature Fluctuation	±1°C
	Temperature Uniformity	< 1000 Litres: ≤1.5C.
	Ramp Rate	1/2/3/4 °C/Min and customer requirement





## Features

- 40°C to 250°C temperature
- Uniform air circulation across chamber
- Excellent uniformity at high temperature
- Stainless steel inner chamber
- Corrosion resistant exterior
- Fume ventilation points on top side
- Stainless Steel Trays

## Specifications

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
	Fan	Single-moulded light weight high cfm coaxial fan for uniform air-circulation.
	Heater	Inconel material sheathed/ bare nichrome air heaters to achieve the set temperature.

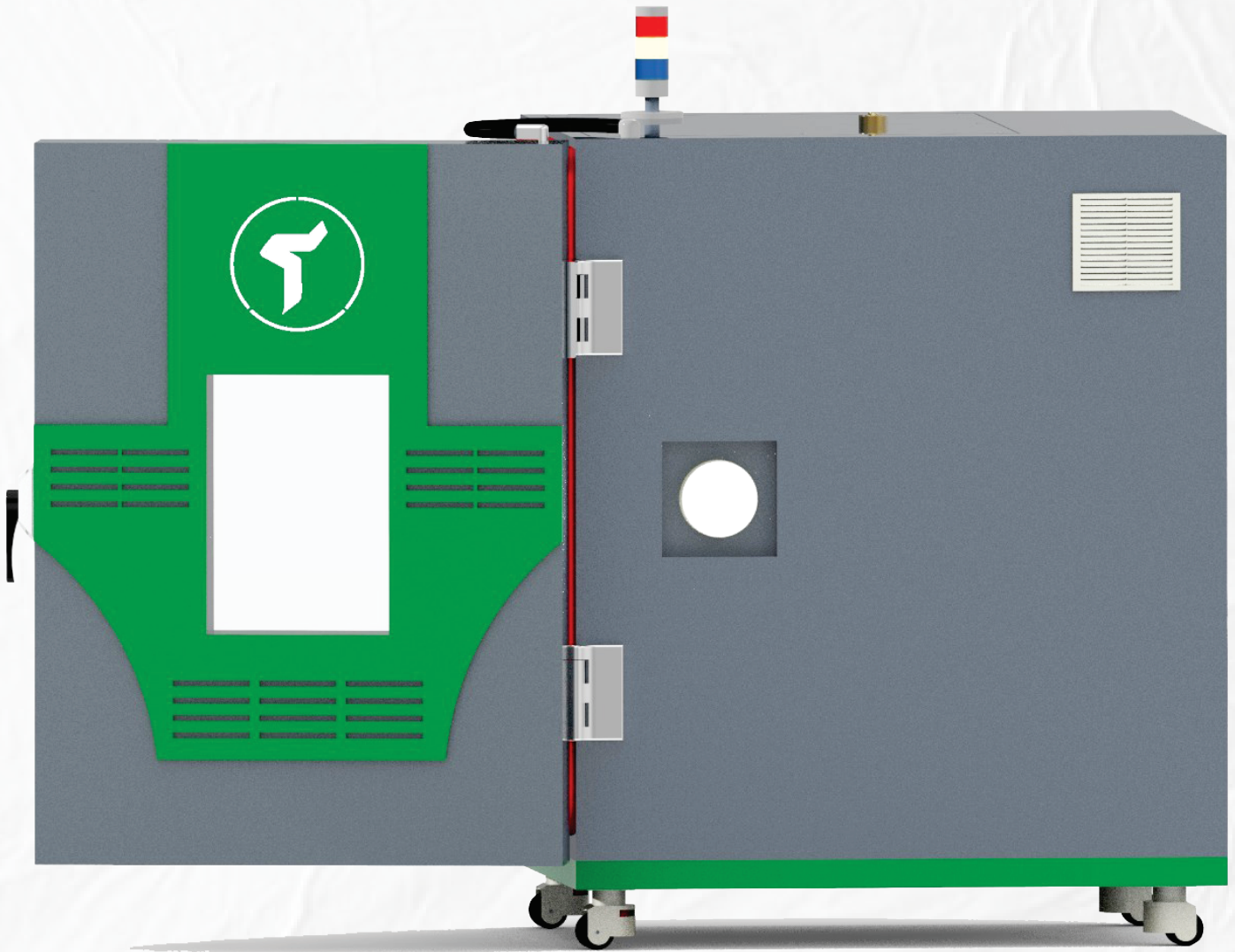
Working Temperature	25-30 DEG C AND 10-90% RH
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Power Supply	Power requirement: 415VAC +/- 5%, 3 Phase 50/60 Hz, 4 wire + E.
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Controller	Programmable Controller / Single Set Point PID Controller
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## Installation Site Requirements

Models	TCO 150-250T	TCO 300-250T	TCO 600-250T	TCO 950-250T	TCO 1400-250T
Power Supply Requirement	400-415VAC +/- 5 % 3 Phase 50/60Hz 4-wire and Earth.				
Connected Load (Max )	3kw	3kw	4kw	4kw	5kw
Max Noise Level (dbA) Measured @ 1 meter distance	65	65	70	70	75
Ambient Condition	15 deg C to 25 deg C and 10%RH to 90%RH				

