



TESTRONIX[®]
INSTRUMENTS



Environmental Test chamber/ Thermal Shock Chamber

Environmental Test chamber/ Thermal Shock Chamber is a unique instrument & most frequently used testing machines. It has applications in various segments and usage varies from material to material. Once a sample is placed inside the chamber the reaction and changes in the sample properties are observed before and after the test.

MODEL NO. TX ETC PTH 100



FEATURES

- Temperature required : -10 to 180 C (-20,-40,-60 & -80 also available on Request)
- Size : 200 Litres
- Timer : A timer would be provided upto 999 hours for auto cut off
- Safety features would be incorporated to ensure that the temperature does not rise beyond 180 Deg C.
- Touch screen HMI Based Display of parameters with data logging available.
- Compact size with castor wheels to move the chamber in the laboratory.

Features of Touch screen controller:

- Microprocessor based model with auto tuning feature
- Run time vs temperature graph on screen
- Data recording with temperature data reading
- USB and pen drive option available to extra data easily
- Option available to set PV and SV value
- Knox system integrated for data security
- User settings can be locked by admin panel protected by password
- User can control PID settings through Advanced setting In built Alarm system

SPECIFICATION

Capacity	200 litres
Display	Touch Screen HMI based
Accuracy	Temp. $\pm 3^{\circ}\text{C}$ /Humidity $\pm 5\%$
Least Count/Resolution Temp	0.1 $^{\circ}\text{C}$ / 1%
Temperature Range	-10 $^{\circ}\text{C}$ to 180 $^{\circ}\text{C}$ (Up to -70 degrees on request)
Humidity Range	20% to 95%RH
Timer	999Hr

Additional Specifications:

No. of Sample racks	2
Handle	Yes
Wet Heater	1 Kw, 1 no.
Temperature Sensor	1 (PT-100)
Movement	Castor Wheels
Material	Mild Steel (Outer Body) Stainless Steel (Inner Body)
Finish	Powder coated Havel Gray & white combination finish and bright chrome/zinc plating for corrosion resistant finish

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OUR OTHER PRODUCTS :-

					
Salt Spray Chamber FRP	Humidity Chamber	Vibration Table	COF Tester	Muffle Furnace	CMC – Asia