



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 |

