



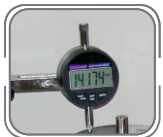
Heat Deformation - HDT/VSP Tester

Heat Deformation – HDT/VSP Tester is a consistent tool useful for determining the ability of a given polymer to bear load at elevated temperatures. Accurate and reliable deflection or deformation is important component in plastics industry.

Heat Deformation HDT/VSP Tester is designed as per standards IS 2530-1963, ISO 75-1 (2004)-E, ASTM D648-01, ASTM D1525-00.

- Equipped with 2 stations to measure Deflection temperature and Vicat Softening temperature
- Precise measurement through Digital Dial Gauge
- Used for testing with both water and silicone oil
- Advanced Digital Microprocessor PID based temperature controller
- Inbuilt Auto tuning function
- Highly accurate test results under uniform temperatures in the chamber
- Setting to RTD PT-100 sensor through advanced PID controller
- High Quality rugged structure with corrosion resistant main body
- Digital Dial gauge to measure the deflection in test samples
- Fast Guiding Mechanism with plunger rod
- Single handed hassle free operation with test start operation
- Stirrer Motor for Precise stirring of sample inside the tank & for Uniformity of Temperature

MODEL NO. TX-HDT 120



Dial gauge with Indenter tip to measure deflection



PID Temperature Controller





FEATURES

- Diameter of Indenter tip (VSP) : 1mm circular (Flat ended needle)
- Temperature Controller range : Upto 250°C
- Rate of Heating : 120±10°C/hr.
- 50±5°C/hr.
- Weights : 5 Kg (2 nos)
- Dial Gauge Range : upto 10 mm
- Resolution/Least Count : 0.001 mm
- Wet Heater : 1 KW X 2
- Power : 220V, 50Hz, Single Phase
- Diameter of indenter tip (HDT) : 13 MM (Approx)
- Temp. Range with Silicon Oil : Ambient to 250 C
- Temp. Range with water : Ambient to 90 C
- Motor Capacity : 1/70HP 1350rpm
- Motor Type : Stirrer Motor

HIGHLIGHTS

- Digital Dial Gauge : 2
- No. of test stations : 2 (HDT/USP)
- Testing Medium : Water or Silicone Oil
- Material : Mild Steel (Outer Body)
- Stainless Steel (Inner Body)
- Dial gauge stand : 2 - Inbuilt

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OUR OTHER PRODUCTS :-

