

# Heat Deformation Tester- HDT/ VSP



## Product Info :

**Heat deformation tester** is a major testing instrument that is used in polymer industries to test the ability of a given polymer to bear the loads when it is subjected to such loads with elevated temperatures. From the manufacturers of polymers and related products, it is important that the products they manufacture are capable of bearing such high loads under high temperatures and most polymeric products are used under high temperatures. To understand the behaviour of the products, the manufacturers use advanced instruments such as Heat deformation tester. Pacorr is a leading manufacturer and supplier of heat deformation tester that is mainly used in the polymer and plastic industries to ensure the best capability of products that are used in various industries under high temperatures. The instrument is used for simulate the high load conditions that are faced by components and

products when they are actually used. The instrument offered by Pacorr is one of the most efficient testing instruments that is used for testing the quality and strength of plastic components. The instrument is designed in compliance with international standards for great accuracy and precision. There standards include ASTM-D1524-00, ASTM-D648-01, IS 2530-1963, ISO 75-1 (2004)-E. The instrument is designed with highest grade of materials that ensure better longevity without compromising with the accuracy of the product. The instrument is also available with accessories such as LVDT sensor, extra indentures, specimen holders and extra dead weights for better conduction of testing procedure.

## TECHNICAL DATA :

- PCVSP/HDT – B2D
- Material of Construction: Inner bath S. S. & Outer body M.S
- Station: Two Station with cooling facility.
- Micro Controller: Indicating and controlling Temperature Ambient to
- 300 deg C with resolution of 0.1 deg C, Indicating displacement of Intel LVDT sensor.
- Circulation: Induction Motor.
- Rate of Heating: 50°C/hour. or 120°C / hour (selectable)
- Paint: Powder Coated.
- Power: 230 V AC, 50 Hz

### Accessories:

- LVDT sensor for displacement measurement: 2nos.
- Indenture: 2nos (One for HDT and One for VSP test);
- Specimen Holder: 2nos
- Weights: A set of weights ranging from 5grams to 2000grams would be supplied for
- incremental loads – 1 Set (For HDT) and 5 KG – 1 Set (For VSP).

## Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.