HDT Vicat Tester / Computerized Model-3 Station-300C

Description

- ISO 75, ASTM D648 , ISO 306, ASTM D1525 , ISO 2507 //
- AHP offers an instrument with a fully automated test sequence for convenient and easy testing //
- Determining Vicat softening and heat deflection temperatures up to 300 °C to standards //

- Determination of the **heat deflection temperature (HDT)** according to ISO 75 //
- Determination of the **Vicat softening temperature (VST)** according to ISO 306//

- The use of a digital measuring system ensures high accuracy with uniform calibration for HDT testers and Vicat testers //
- The automated test sequence makes the operation very easy. The test is started once, after which no additional interaction is required //
- It is operated via PC (PC is up to the customer) //
- Testing software provides powerful functionalities, such as measured value and control graphics, result determination, data storage, and export functions //
- Software is included (License dongle is included) //
- Automatic lowering of the measuring stations //
- Oil cooling coils for fast start of successive tests //

- USB port to connect to the computer //
- Graphing data of temperature, time, displacement //
- PLC based //
- Connection of cooling water from back side //
- Includes brass pipes inside chamber for fast cooling //
- Automatic valve control of cooling water connection //
- Automatic Vicat and HDT temperature determination from the graph //
- Pneumatic sample elevator //
- Temperature increase rate as per standard //
- PID temperature control //
- Bath circulation system //
- European displacement sensors are used //

- Automatic temperature increase rate control vi software //
- Over temperature control thermostat //
- Training video included //
- Including mechanical stirrer for spatial temperature homogeneity //
- SS304 bath //
- Easy replacement of resistance heating elements (flange type) //
- Easy replacement of temperature sensor from back side //
- Training video is included