

HDT Vicat Tester / Computerized Model

Description

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- USB port to connect to the computer (When the machine is delivered with Embedded PC+Display) then there is no need for an external connection and the operator has full functions of a standard PC
- 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
- According to ISO 75 , ISO 306 , ASTM D 648 , ASTM D 1525
- Pneumatic sample elevator
- Number of stations as per customer request (basic is two station)
- Digital indicator for needle depth
- Temperature increase rate as per standard
- Digital timer included
- PID temperature control
- Bath circulation system
- Weight 50N (specific weights are as option)
- Automatic temperature increase rate control vi software
- Over temperature control thermostat
- Training video included
- Including mechanical stirrer for spatial temperature homogeneity
- Stirrer motor speed control
- SS304 bath
- Basic machine is only Vicat softening point and other fixtures for HDT testing is as option. (Please note when you are placing order)
- Basic machine has two station other number of stations are as option
- For the model of HDT-Vicat there are stations for placement of samples for both HDT and Vicat testing
- Easy replacement of resistance heating elements (flange type)

- Easy replacement of temperature sensor from back side

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