

# HDT / VICAT Tester 2500 Series



# HDT/VICAT Tester

## HT- HDT-VICAT

HT-HDT/VICAT are advanced **HDT/VICAT Testers** incorporate extensive range of features making it ideal for performing Heat Deflection and Vicat Softening Test as per the International and National standards at affordable price.

It has Microcontroller based latest Electronics and High resolution Digital Sensor for highly accurate measurements and Controls. Integral User interface consist of a powerful Control Console for Setting up and getting results. Instrument comes with built in RS 232 Port for Computerisation.

### Standards

It meets or exceeds requirement of ASTM D 1525, ASTM D 648, ISO 2507, ISO 75 and equivalent

### Features

Model HT- HDTVICAT 2516

- High strength frame
- Micro Controller based design
- Touch Screen Console
- Fully Digital Sensing
- High Resolution Measurement
- Automatic Lifting Mechanism
- Automatic Fume Exhaust

Auto Weight Lifting

Auto Fume Exhaust

LCD Touch Screen



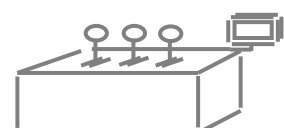
Auto Weight Lifting Mechanism



Touch Screen Control



Auto Fume Exhaust



## Specification

Temperature Range	: up to 300 deg C
Heating Rate	: 120 deg C / hr and 50 deg C / hr
Heating Rate Error	: +/- 1% per 6 min
Maximum Temperature Error	: +/- 0.5 deg C
Number of Station	: 6 stations
Number of Sensing Points	: 6 points each for a station for better accuracy
Deformation Measuring Device	: Digital Gauge with Communication
Deformation Measuring Accuracy	: 0.002 mm or better
Cooling	: Natural above 150 deg C & Water below 150 deg C




**Thermal Expansion Co-efficient of Test Station is less than 0.005 mm / 100 deg C**

**At Hemtech, we always try to balance the Economics and Technology. With a view of providing wide range of choice as per the need we also developed series of Economical Models to cater to all the type of customer need from budget point of view as well.**

## Features

High strength frame • Digital Measurement • User Friendly Operation • Simple to use

Precise PID algorithm for Temperature control

Range of Models to <b>choose from</b>			
	<b>Model</b>	<b>HT-HDT/VICAT-2500M</b>	<b>HT-HDT/VICAT-2500B</b>
<b>Station</b>	<b>2,3,4 or 6</b>	<b>2,3,4 or 6</b>	<b>2,3,4 or 6</b>
<b>Sensing Points</b>	<b>1</b>	<b>1</b>	<b>2,3,4 or 6</b>
<b>Display</b>	<b>LED</b>	<b>LCD Touch Screen</b>	<b>PC Control</b>