



Control mode: Touch screen or PC  
 Accuracy: Multi temp. measurement points  
 Temperature control range: room temp. ~300°C  
 Numbers of test station: 4/6 (optional).

### Features:

Controlled by PC or colorful touch screen, equipped with JJTEST software to control and display temperature & deformation, describe and record test curves, output testing result, save historical data as well as print out testing results, et...

## HDT-304B4/6, Vicat Tester

### Application:

The tester is used to determine the Heat Deflection Temperature or the Vicat Softening Point. All the specimens are charged with a constant load and immersed in a bath where temperature is increased at a standard velocity. The attained heat resistance rate of plastic material is a widely required parameter for product characterization, for quality control as well as for evaluating their conformity to the previewed applications. The optional software system enables to produce graphs showing the deformation of each specimen and temperature increase versus time.

Model	HDT-304B4	HDT-304B6
<b>Numbers of test station</b>	4	6
<b>Number of temp. measuring point</b>	4	6
<b>Temp. control range</b>	Room temperature ~300°C	
<b>Heating rate</b>	50°C/h or 120°C/h (30°C/h~120°C/h is settable)	
<b>Max. temp. error</b>	±0.5°C	
<b>Deformation measuring device</b>	Digital Microgauge	
<b>Deformation measuring range</b>	-1.00mm~9.00mm	
<b>Specimen support span</b>	64mm, 100mm	
<b>Max. deformation error</b>	0.005mm	
<b>Heating medium</b>	Methyl silicone oil	
<b>Cooling method</b>	Natural cooling (Medium temp. is higher than 150°C); Water cooling or nature cooling (Medium temp. is lower than 150°C)	
<b>Net weight</b>	4 stations: (220-15%~220+10%) VAC 50HZ 4.5KW, Single phase and three wires	6 stations: (220-15%~220+10%) VAC 6.5KW 50HZ, Single phase and three wires