

Heat Deflection MATERIAL TESTING



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-300B4/6, 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-300B4	HDT-300B6
Numbers of test station	4	6
Number of temp. measuring point	4	6
Temp. control range	Room temperature ~300°C	
Heating rate	50°C/h or 120°C/h (30°C/h~120°C/h is settable)	
Max. temp. error	±0.5°C	
Temp. Measure point	1	
Deformation measuring device	Digital Microgauge	
Deformation measuring range	-1.00mm~9.00mm	
Specimen support span	64mm, 100mm	
Max. deformation error	0.005mm	
Heating medium	Methyl silicone oil	
Cooling method	Natural cooling (Medium temp. is higher than 150°C); Water cooling or nature cooling (Medium temp. is lower than 150°C)	
Net weight	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