

KASON-HDTV3003W Plastics HDT Vicat Softening Temperature Test Point Tester

(Picture just for reference)

Application:

Plastics HDT Vicat Softening Temperature Test Point Tester is used to determine the heat distortion temperature (HDT) and Vicat softening point of plastic materials. It is widely suitable for plastic, hard rubber, nylon, electrical insulating materials, long fiber reinforced composite materials, high strength thermosetting lamination materials and other non-metallic materials.

The machine uses an English operating interface with Windows 98, Windows 2000 or Windows 7 to monitor the test temperature in real time, draw temperature and deformation curves in real time, print test reports, and realize historical saving. Click the mouse anywhere on the deformation and temperature curves, and the interface will automatically Display the deformation and temperature value at that location. It has an automatic lifting system for the testing machine and uses a high-precision displacement sensor to measure deformation.

Standard:

GB / T1633 "Determination of Vicat Softening Temperature (VST) of Thermoplastics"

GB / T1634 "Determination of Plastic Load Deformation Temperature Part 1: General Test Method"

GB / T8802 "Determination of softening temperature of plastic pipe fittings"

ISO75-2013 "Determination of Plastic Load Deformation Temperature"

ASTM D 648 "Test Method for Thermal Deformation Temperature of Plastics"

ASTM D 1525 "Test Method for Vicat Softening Temperature of Plastics"

Specification

Model	KASON-HDTV3003W
Structure	Table type
Display	Computer control
Sample Frame	Manual
Temperature range	RT~300℃
Heating speed	120℃/h (heat deformation test), 50℃/h (Vicat test)
Max. temperature error	±0.5℃
Temperature measuring point	1
Number of sample racks	3
Deformation measuring tool	Motion detector
Deformation measurement range	0~10mm
Deformation measurement error	±0.005mm
Specimen support span	64mm (preferred when placed flat), 100mm (standing on the side)
Heating medium	Methyl silicone oil or transformer oil
Cooling method	Natural cooling above 150℃, water cooling or natural cooling below 150℃
Temperature protection	Double temperature control upper limit protection
Control method	Micro-controller and PC distributed control system
Power supply	2500VA 220VAC 50HZ

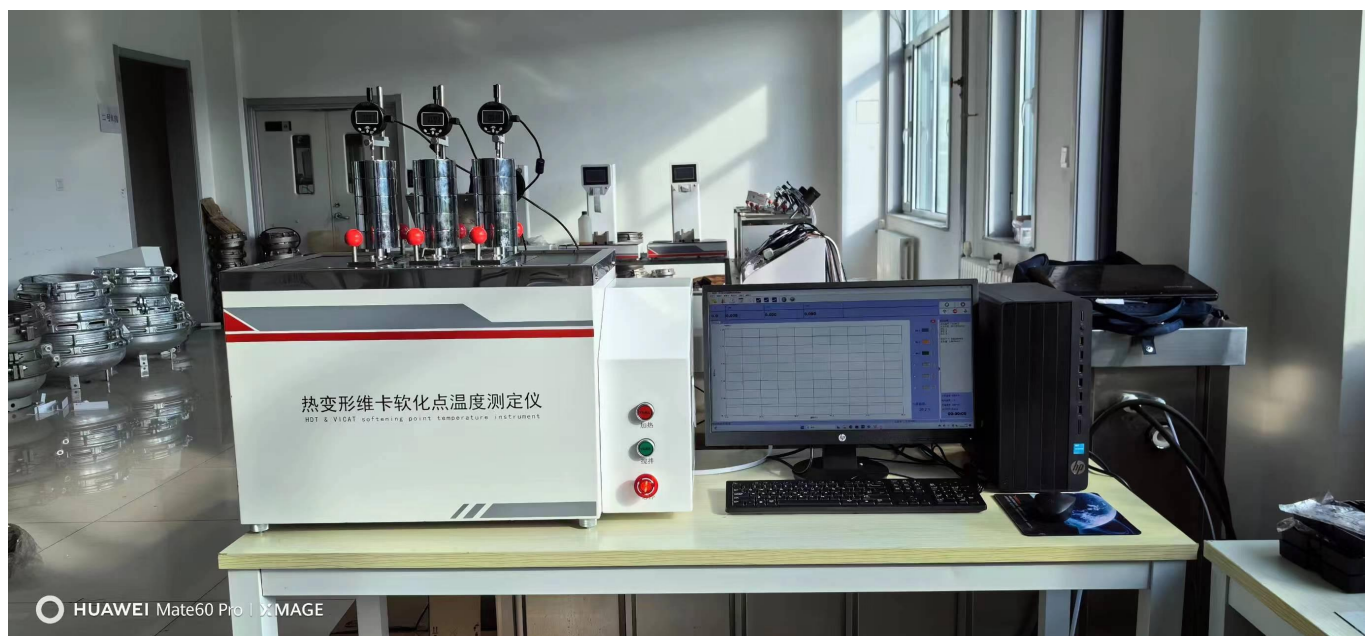
Equipment standard configuration

Name	Qty
Mainframe	1 Set
Test Stand	3 Sets
Thermal deformation indenter	3 Sets
Vicat pressure needle	3 Sets

Electric control box	1 Set
Displacement sensor	3 Sets
Power cable	1 Set
Weight	1 Set
Signal line	1 Set
Brand computer	1 Set
Color inkjet printer	1 Set
Test software	1 Set

Weights

	A	B	C	D	E	F	G	H	I	J	K
Weight(g)	1000	932	500	200	100	50	20	10	5	2	1
Qty	12	3	3	6	3	3	6	3	3	6	3



KASON reserves the right to modify the technical and stetics characteristics included in this document, without previous notice

DuandianIndustrial Park ,
Jingshi Road, Jinan City,
Shandong Province, China.

Tel. +86 531 58595086
Fax. +86 531 86113769
Email: info@jnkason.com