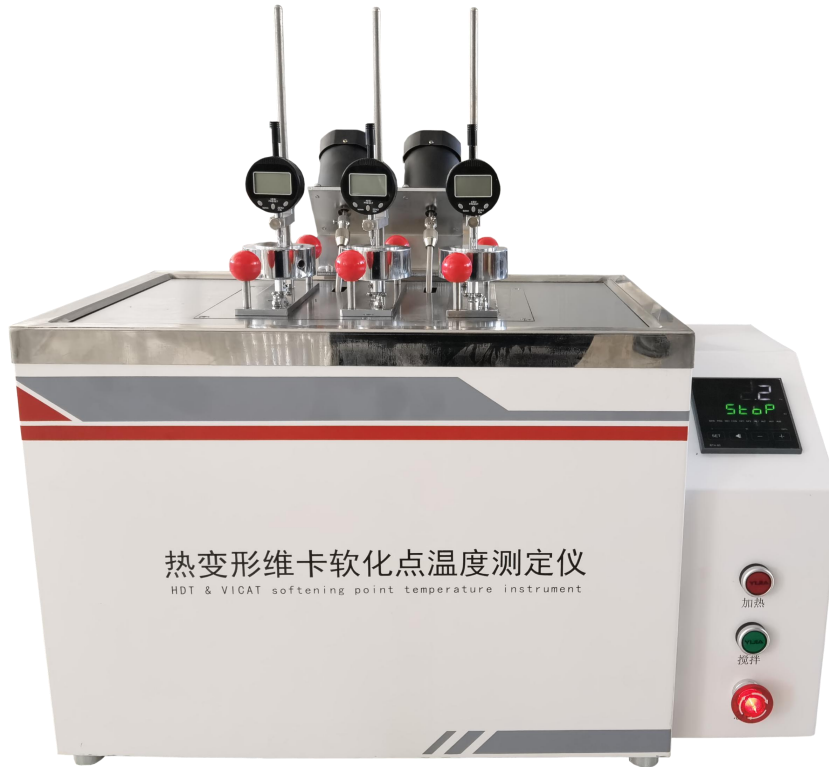


KASON HDTV3003S Plastics HDT Vicat Softening Temperature Test Point Tester



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.

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"

Features

The temperature signal sensed by the temperature sensor is input to the amplifier, and is input to the temperature control meter through the analog switch and A/D conversion. The corresponding heating parameters are given by running the PID program (in the instrument) to control the heating time of the heater, thereby achieving the temperature control goal. The purpose is to enable the test to be carried out safely and reliably, thereby ensuring the safety and reliability of the test. The biggest feature is that it is easy to operate

Specification

Model	KASON HDTV3003S
Structure	Table type
Display	LCD display
Sample Frame	Manual
Temperature range	RT~300°C
Heating speed	120°C/h [(12±1)°C/6min], 50°C/h [(5±0.5)°C/6min]
Max. temperature error	±0.5°C
Maximum deformation measurement	1mm (Vicat test); 0.33 mm (thermal deformation)
Heating medium	methyl silicone oil (below 200 centistokes)
Maximum heating power	3kw
Working position	3 (4 or 6 optional)
Cooling method	natural cooling
Three methods of load deformation temperature	Method A: 1.80MPa bending stress, Method B: 0.45MPa bending stress, Method C: 8.00MPa bending
Mass of load bar and pallet	68g+1g
Power supply	AC220V, 10A, 50Hz

Equipment standard configuration

Name	Qty	Remark
Mainframe	1 Set	Table Type, LCD display
Test Stand	3 Sets	The test frame span is divided into two types: 64mm and 100mm, you can choose any test method.

Motion detector	3 Sets	Measurement deformation error $\pm 0.005\text{mm}$
Temperature Sensor	1 Suit	The measurement error imported from the United States is $\pm 0.5^{\circ}\text{C}$
Thermal deformation	3 Sets	The arc radius is R3
Vicat test indenter	3 Sets	Cross-sectional area is 1mm

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