

HEAT DEFLECTION-VICAT SOFTENING TEMPERATURE TESTER

CODE VST-HDT4

- According to GB/T 1633, ISO 75, ASTM D 1525
- For the determination of heat deflection temperature and Vicat softening temperature of thermoplastics, thermosets and other polymer materials
- Adopts a guided medium flow diversion structure, delivering a uniform temperature field without dead zones
- Test frame expansion $\leq \pm 0.01\text{mm}$ over full temperature range, no correction needed



SPECIFICATION

Display	color touchscreen
Number of workstations	4
Temperature measurement point	4
Temperature control range	RT~300°C
Heating rate	adjustable from 30~120°C/h
Maximum temperature error	$\pm 0.5^\circ\text{C}$
Deformation measurement tool	digital vernier caliper
Deformation measurement range	-1.00~9.00mm
Support span of specimen	64mm, 100mm
Maximum deformation measurement error	0.005mm
Heating medium	methylsilicone oil
Cooling method	natural cooling
Data output	USB, report format: excel, txt, etc.
Power supply	220V, 50Hz, 5.5kW
Dimensions (L×W×H)	760×500×710mm
Net weight	40kg

STANDARD DELIVERY

Main unit	1 pc
Touch screen controller	1 pc
Digital Indicator (VST-HDT4-DIAL)	4 pcs
Specimen holder	4 pcs
Hot deformation die head	4 pcs
Vicat indenter (VST-HDT4-NE)	4 pcs
Weights	1 set