



HDT/VICAT TESTER HV-3000 P

STANDARD

ASTM-D648 ASTM-D1525 ISO-75 ISO-306 DIN-53461 DIN 53460

HV-3000 P is designed to measure both heat deflection temperature (HDT) and VICAT softening temperature (VST) to evaluate the thermal property of plastic material. A dedicated temperature controller is used to maintain good temperature control and steady warmup rate. Each independent station is equipped with high resolution LVDT transducer so that an accurate measurement of deflection and penetration is provided. With motorised lifting system design, you can easily raise or lower the test stations. During or after test, users are allowed to check the test curve of HDT or VICAT on the screen of computer system. Test results of HDT and VICAT from each test station can be automatically obtained and saved.



HV-3000-P6



FEATURES

- Simple Operation
- Highly accurate and excellent performance
- 3 or 6 stations available
- Comply with different standards

TECHNICAL SPECIFICATION

Display and Control	PC and dedicated software
Test Station	3 or 6
Temperature Range	Room temperature ~ 300.0 °C
Temperature Accuracy	± 0.5°C
Warm up rate	2 ± 0.2°C / min (HDT) or 50 ± 5°C / hr (VICAT)
Cooling device	Built in water piping, optional: connect with a chiller externally
Test method	HDT and VICAT
Deformation measuring range	0.001 ~ 3.500mm (LVDT)
Support span	64mm, 100mm, 101.6mm
Dimension	1100 x 650 x 850 (WxDxH) (Main Unit)
Power	1ϕ · AC220V · 50/60Hz



MODEL AND CONFIGURATION

HV-3000-D3	Desktop HDT/VICAT Tester 3 sets, Desktop type, LCD display, Water Cooling system.
HV-3000-D6	Desktop HDT/VICAT Tester 6 sets, Desktop type, LCD display, Water Cooling system.
HV-3000-P3	Desktop Computer HDT/VICAT Tester 3 sets, Desktop type, Computer control and display, Water Cooling system.
HV-3000-P6	Desktop Computer HDT/VICAT Tester 6 sets, Desktop type, Computer control and display, Water Cooling system.
HV-3000-P3C	Computer HDT/VICAT Tester 3 sets, Computer control and display, Compressor system.
HV-3000-P6C	Computer HDT/VICAT Tester 6 sets, Computer control and display, Compressor system.

NOTE: the chiller HV-3000-Cexternally connected with the built in water piping is used to shorten the cooling time for the oil in test chamber



HV-3000-D3



HV-3000-C



HV-3000-P3C