

ZGTHV 3000 P3C / P6C

HDT / VICAT Tester



USED FOR EVALUATION OF THERMAL PROPERTY OF
PLASTIC MATERIALS

ZGTHV 3000 P3C / P6C

TECHNICAL SPECIFICATIONS

ZGTHV 3000 P3C is a floor model HDT/VICAT tester. It is designed to measure heat deflection temperature and VICAT softening temperature for evaluation of thermal property of plastic materials.

With a built in a water chiller, the oil bath can be cooled down faster and easier without connecting to an external water supply. This tester features high precision temperature rate control. LVDT sensor is used on each station to ensure high accuracy of deflection measurement. The HDT software of ZGTHV 3000 P3C comes with many convenient features. The operator can easily monitor real-time graph, start cooling, modify test condition and edit test report in a few simple steps. Moreover, HDT software can automatically calculate required loading weight based on specified test conditions and save test results.

TECHNICAL INFORMATION

Temp. Range	Ambient Temp ~ 300°C	
Heating Rate	2±0.2°C/min	50±5°C/h
Test station	6 (or 3, please specify)	
Temp. Control Accuracy	±0.5°C	
Cooling System	Compressor cooling system	
Deflection measuring system	0.001 ~ 2.500 mm (LVDT)	
Span support	64 mm – 100 mm – 101.6 mm	
Stirrer	Included	
Control System	PC Based control system	
Interior dimension(W x D x H)	6 station: 75x30x18 cm 3 station: 45x30x18 cm	
Outer dimension(W x D x H)	6 station: 130x59x138 cm 3 station: 100x59x138 cm	
Weight (Approx)	270kg	300kg
Power	1φ AC 220 V 50 Hz (or specify)	

USED IN

- Electro-Technology, Engineering
- Defence Industry
- Automotive, Home Appliances
- Plastic

RELEVANT STANDARDS

- ASTM D648-18, ASTM D1525-17e1
- ISO 75-1:2013, ISO 75-2:2013, ISO 306:2013
- GB/T 1634.2-2019, GB/T 1634.1-2019
- JIS K 7206-2016

Note: DVT DEVOTRANS reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

