No.148-HD500 HIGH TEMPERATURE HEAT DISTORTION TESTER

JIS-K7191-1、K7206、ASTM-D648、D1525、ISO-75-1，306

This tester adapts the air circulating heating system to test the heat resistance of plastic (usually super engineering plastic) up to 500 °C. The specimen racks are made by glass quartz to prevent measuring disturbances due to the deflections of the racks itself.

No.148-HD500 Specification

Stations	3 Stations
Temperature Range	Max. 500 °C (Air Chamber, Nitrogen Gas Filling Device Attached)
Heat-Up Speed	120 ± 10 °C/hr, 50 ± 5 °C/hr
Bending Stress	1.80 MPa, 0.45 MPa
Weight Load	DTUL: Choose 2 type from Initial 76.5 gf to Max. 3,210 gf Option: VICAT 10 ± 0.2 N, 50 ± 1 N Option: Ball Pressure: 0.4 to 2.0 N
Displacement Measurement	Differential Transformer: 0.001 mm, Stroke 0 to ± 2 mm
Pressure Foot	DTUL: R3.0 ± 0.2 mm Option: VICAT 1.000 ± 0.015 mm2 Option: Ball Pressure φ5 mm
Support Length	64 ± 1 mm, 100 ± 2 mm (Standard)
Refrigerating Device	Fan type (Air Fan Cooling), 3 Fans, Carbon Gas Injection Cooling System
Churning Device	Propeller type, 3 propellers
Software	Windows Compatible
Accessories	Pressure Foot Adjustment, Specimen Holder
Option	Safety Cover, Simultaneous Loading Device, Borosilicate Glass
Power Source	AC 200 V, 1-Phase, 30 A, 50/60 Hz
Dimensions/ Weight	W1,100 × D750 × H1,530 mm/ 250 kg

(Approx.)	