



QC-657 H.D.T. Heat Deflection Tester

Standard

ASTM D648 ISO 75-1

Description

This test is suitable for material which is still hard at 27°C. The specimen, placed at the simple beam for testing, is given a flexion stress of 0.445MPa or 1.82MPa at the center. The ambient temperature of the test is increased by 2 degrees Celsius per minute. When the specimen's center undergoes a deflection of 0.25mm(ASTM), 0.32mm(ISO edgewise), 0.34mm(ISO flatwise) the temperature is determined as the specimen's deflection temperature.

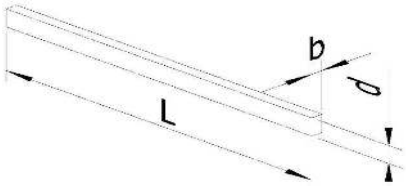
Industry

Plastic

Appearance



Specification

Model	QC-657
Temperature	Room temperature - 300°C
Temperature Control	2°C increase per minute
Weight	Weight support 3N. Each station has the following weights: 0.1N×1, 0.2N×2, 0.5N×1, 1N×1, 2N×2, 5N×1, 10N×1
Deflection reading value	0.001 - 3.000 mm
Flexion Span	100 mm(max.), 50mm adjustable
Specimen support's surface	R=3.0 mm
Specimen dimension	<p>ASTM L=5"(127 mm), d=1/2 "(12.7 mm), b=1/4"(6.35 mm)
 ISO edge wise L=120mm, d=10mm, b=4mm
 ISO flat wise L=80mm, d=10mm, b=4mm
 ※Specimen error should be±0.1 mm
</p>  <p>The diagram shows a perspective view of a specimen, which is a thin, rectangular plate. Dimension 'L' is indicated by a double-headed arrow along the length of the plate. Dimension 'b' is indicated by a double-headed arrow across the width of the plate. Dimension 'd' is indicated by a double-headed arrow across the thickness of the plate.</p>
Features	<ol style="list-style-type: none"> 7" colored touch screen that shows multiple test data All of the data is completely recorded and the data can be converted to graph User-friendly operation that guides users step by step. Jigs can be replaced for Vicat test
Test Stations	1, 2, 3 stations for selection
Cooling method	Water cooling
Dimension	85 X 48 X 54 cm
Power supply	Monophase, AC 220V

Related products

QC-652S Melt Flow Index Tester QC-662 Vicat Heat Deflection Tester

QC-639P(Q) Computerized Impact Tester QC-639C(D) Mechancial Impact Tester

*Cometech reserves the right to modify specification of the product.



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