Product name:	Product code:
HDT and Vicat Softening Temperature Tester for Plastics	CMI-IND-0164

Description

Heating bath instrument that measures heat deflection temperature and Vicat softening point of rigid plastics. Used by moulders and compounders to rate heat resistance of components.

Technical specification

- Weight set
- Silicone oil
- Specimen supports

Specimens loaded in flexure or under a needle are heated in an oil bath at 120 deg C/h, and the temperature at the specified deflection or penetration is recorded. Multiple stations allow several samples to run at the same time. The data support selection of materials for hot-use parts.

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Features

- 3 stations for HDT or Vicat
- Heating rate 50 or 120 deg C/h
- Digital deflection gauges 0.001 mm resolution
- Silicone oil bath with stirrer
- Cooling coil and over temperature cutoff

Technical Specifications

Temperature Range	Ambient to 300 deg C
Heating Rate	50 / 120 deg C/h
Stations	3
Deflection Resolution	0.001 mm
Loads	Set of weights 0.45 and 1.8 MPa for HDT, 10 N and 50 N for Vicat
Standards	ISO 75, ISO 306, ASTM D648, ASTM D1525
Power Supply	230 V AC, 50 Hz

Standard Accessories