Product name:	Product code:
Ceramic Dilatometer for Thermal Expansion of Porcelain Bodies	CMI-IND-0451

Description

Horizontal pushrod dilatometer with an LVDT sensor that records linear thermal expansion of porcelain, sanitaryware and refractory bars up to 1400 deg C. Used by ceramic plants for glaze fit and body control.

Technical specification

- Alumina rods
- Standard silica specimen
- Software

A rod specimen is heated in a furnace while a pushrod and LVDT sensor measure its expansion. Glaze and body fit and thermal shock behaviour are judged from the expansion curve.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Alumina pushrod and LVDT sensor
- Programmable furnace heating rate
- Temperature range to 1400 deg C
- Software for CTE and softening point
- Specimen length 50 mm

Technical Specifications

Temperature range	Ambient to 1400 deg C
Heating rate	1 to 20 deg C/min
Resolution	0.1 um
Specimen	50 mm long, 5 to 8 mm diameter
Sensor	LVDT
Atmosphere	Air
Standards	ASTM C372, ASTM E228, ISO 17562
Power	230 V AC, 50 Hz, 3 kW

Standard Accessories