Product name:	Product code:
Automatic Bitumen Softening Point Tester Ring and Ball	CMI-IND-0021

Description

Ring and ball apparatus with automatic ball-drop detection and stirrer for determining the softening point of bitumen and modified binders. Used in refineries, polymer-modified bitumen plants and road labs.

Technical specification

- Brass rings (set of 6)
- Steel balls
- Ball centring guides

Bitumen in brass rings is heated at 5 deg C per minute under steel balls in a stirred bath, and the temperature at which each ball touches the lower plate is recorded automatically. The tester improves consistency over manual observation. It is used for grading paving bitumen and polymer modified binders.

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Features

- Automatic optical ball-drop detection
- Magnetic stirring for uniform bath temperature
- Digital controller with linear 5 deg C/min ramp
- Glass beaker bath with PT100 sensor
- Two-position test head

Technical Specifications

Temperature range	Ambient to 200 deg C
Heating rate	5 +/- 0.5 deg C/min
Temperature resolution	0.1 deg C
Bath medium	Glycerine or distilled water
Test positions	2
Standards	IS 1205, ASTM D36, EN 1427
Power supply	230 V AC, 50 Hz, 1 kW

Standard Accessories