| Product name: | Product code: |
| --- | --- |
| Vicat Softening Point Apparatus for PVC Pipes | CMI-IND-0190 |

## Description

Heating bath apparatus that measures the temperature at which a needle penetrates 1 mm into PVC pipe material. Used by pipe makers to check material grade and degree of gelation.

## Technical specification

- Weights
- Silicone oil
- Penetration needles

A 50 N or 10 N loaded needle rests on a pipe section while the oil bath is heated at 50 or 120 deg C per hour, and the penetration temperature is recorded. For PVC-U pipes, a minimum Vicat value ensures adequate heat resistance. Multiple stations allow quick QC checks.

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**Features**

- 2 or 3 station configuration
- Digital temperature display
- Digital dial gauge 0.001 mm
- Heating rate 50 or 120 deg C/h
- Stirrer and cooling coil

**Technical Specifications**

| | |
|---|---|
| Temperature Range | Ambient to 250 deg C |
| Heating Rate | 50 / 120 deg C/h |
| Load | 10 N and 50 N |
| Needle Area | 1 mm2 |
| Stations | 3 |
| Standards | ISO 2507, IS 4985, ASTM D1525 |
| Power Supply | 230 V AC, 50 Hz |

**Standard Accessories**