Product name:	Product code:
Bitumen Flash and Fire Point Tester Cleveland Open Cup	CMI-IND-0023

Description

Automatic Cleveland open cup apparatus with gas or electric heater to determine flash and fire points of bitumen and petroleum products. Used for safety and grade verification in refineries and asphalt plants.

Technical specification

- Brass test cup
- Thermometer clip
- Gas lighter

A brass test cup of bitumen is heated at a controlled rate while a small test flame is passed across the cup at set temperature intervals. The lowest temperature at which vapours ignite gives the flash point, and the fire point follows. The tester helps determine safe handling temperatures for bitumen.

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Features

- Automatic test flame application with swing arm
- Electric heater with linear heating rate
- Digital temperature display with PT100 sensor
- Flash detection thermocouple option
- Windshield for draught protection

Technical Specifications

Temperature range	Ambient to 400 deg C
Heating rate	5 to 17 deg C/min then 5 to 6 deg C/min near flash
Temperature resolution	0.1 deg C
Test cup	Brass, 64 mm dia, 33.6 mm deep
Flame size	3.2 to 4.8 mm bead
Standards	IS 1209, ASTM D92, EN ISO 2592
Power supply	230 V AC, 50 Hz, 750 W

Standard Accessories