Product name:	Product code:
Oxidation Induction Time Tester for Polyethylene Pipes	CMI-IND-0185

Description

Differential scanning calorimeter set up for OIT testing, to show the level of antioxidant in PE pipe compounds. Used by pipe makers and gas and water utilities.

Technical specification

- Crimper press
- Gas regulators

A small sample is heated to 200 deg C in nitrogen and then switched to oxygen, and the time before the oxidation exotherm appears is the OIT. Longer times indicate better stabilisation and long-term durability. Required for PE pipe compound acceptance.

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Features

- DSC cell with 0 - 600 deg C range
- Automatic gas switching
- Temperature accuracy 0.1 deg C
- Software for OIT analysis
- Aluminium pans

Technical Specifications

Temperature Range	Ambient to 600 deg C
Temperature Accuracy	+/- 0.1 deg C
Heating Rate	0.1 - 100 deg C/min
Gas	N2 and O2
Standards	ISO 11357-6, ASTM D3895, EN 728
Power Supply	230 V AC, 50 Hz

Standard Accessories

- Pans