Product name:	Product code:
OIT Tester for Polyolefin Resin Thermal Stability	CMI-IND-0227

Description

Isothermal oxidation induction time instrument for checking antioxidant effectiveness in polyolefin compounds. Used by resin producers, pipe and cable compounders to judge processing and long-term thermal stability of batches.

Technical specification

- Aluminium pans
- Gas regulator
- Crimping tool

Samples are held at constant high temperature in an oxygen stream until oxidation begins. The time to onset is recorded as oxidation induction time. The result predicts long term stability during processing and service.

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Features

- Isothermal operation up to 300 deg C
- Gas switching oxygen and nitrogen
- Digital timer and sensor
- Sample pans in aluminium
- Program storage for runs

Technical Specifications

Test Standards	ASTM D3895, ISO 11357-6, ISO 4577 reference
Temperature Range	Ambient to 300 deg C
Temperature Accuracy	+/- 0.5 deg C
Gas Flow	Controlled 50 ml/min
Sample Mass	5 to 15 mg
Pans	Aluminium open
Display	Touchscreen
Power	230 V AC, 50 Hz

Standard Accessories