Product name:	Product code:
Oxygen Transmission Rate Tester for Composite Barrier Films	CMI-IND-0360

Description

Coulometric OTR analyser for high barrier laminates, measuring oxygen permeation in cc/m2.day. Used in food, pharma and electronics packaging film development. It helps verify that films protect oxygen-sensitive food and pharma contents.

Technical specification

- Cell sealing grease
- Reference film
- Gas regulators

The film divides a cell into a test gas side with oxygen and a carrier gas side with nitrogen. A coulometric sensor measures oxygen reaching the carrier stream giving direct transmission rates down to 0.005 cc.

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Features

- Coulometric sensor
- Range 0.005 to 100 cc/m2.day
- Temperature 10 to 50 deg C
- Humidity control option
- Multiple test cells

Technical Specifications

OTR range	0.005 to 100 cc/m2.day
Test area	50 cm2
Temperature	10 to 50 deg C
Humidity	0 to 90% RH
Cells	1 or 3
Carrier gas	98% N2 + 2% H2
Power	230 V AC, 50 Hz
Standards	ASTM D3985, ISO 15105-2

Standard Accessories