

Oxygen Transmission Rate Analyzer

This analyzer is designed for testing oxygen permeation of packaging film materials. It is calibrated using standard gas and NIST traceable films.



ADDITIONAL IMAGES



Overview

Precision Oxygen Permeation Analysis

The Y200D Oxygen Transmission Rate Analyzer is a modular, high-precision instrument engineered for trace oxygen permeation testing of packaging barrier films. By simulating actual climatic conditions through computer-controlled temperature and humidity, it is ideal for both research and quality control of current and newly formulated packaging materials. The system ensures reliable analysis data through versatile calibration options, including standard gas and NIST-traceable films.

Performance

Key Performance Indicators

16500 cm³/m²/day
Max OTR

0.001 cm³/m²/day
Precision

Measurement Range	16500 cm ³ /m ² /day
Measurement Precision	0.001 cm ³ /m ² /day

Environmental Control

Temperature Control Range	5-50 °C
Humidity Range	Dry (0% RH) to 100% RH (Wet: 5-95% RH)

Technical Specifications

Supply Pressure	25-45 PSI (Regulated Oxygen & Nitrogen)
International Standards Compliance	GB/T 19789, ASTM D3985, ASTM F1307, ASTM F1927, ISO 15105-2