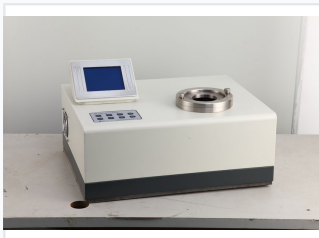


Oxygen Permeation Testing Instrument

The oxygen permeation tester determines the oxygen transmission rate (OTR) through various barrier materials like sheets, films, and containers. It is suitable for quality control and research applications in the food, pharmaceutical, and packaging industries.



ADDITIONAL IMAGES



Overview

Precision Oxygen Permeation Analysis

The Y201D Oxygen Permeation Tester is a high-precision instrument designed to measure the Oxygen Transmission Rate (OTR) of various barrier materials, including films, sheets, solar boards, and finished containers like bottles and blood bags. Utilizing advanced Coulometry theory, it provides accurate data essential for quality control in the food, pharmaceutical, and flexible packaging industries. The system ensures compliance with multiple international standards, making it a reliable solution for research and industrial quality assurance.

Technical Specifications

Testing Principle	Coulometry theory
OTR Units	cm ³ /(m ² ·24h), ppm

Compliance & Standards

Supported Standards

- GB/T 19789-2005
- ASTM D 3985-1995
- ASTM F 1927-1998
- ASTM F 1307-1990
- YBB00082003
- ISO 15105-2003
- DIN 53380-3-1998
- JIS K-7126

Applications

Target Industries

Food Industry • Pharmaceutical • Cosmetics • Flexible Packaging • Academic Research

Compatible Materials

- High barrier materials
- Sheets
- Solar boards
- Compound materials
- PVC
- Rubber
- Paper
- Glass
- Metal
- Bottles
- Blood bags