

Water Vapor Permeability Tester

This water vapor permeation tester measures the water vapor transmission rate (WVTR) of packaging material. It is widely used in the food, pharmaceutical, and flexible packaging materials industries.



ADDITIONAL IMAGES



Product Overview

Professional Water Vapor Permeability Testing

This advanced testing instrument is designed to accurately measure the water vapor transmission rate (WVTR) of diverse packaging materials. Utilizing the precise weight reduction method, it ensures reliable quality control for industries ranging from food and pharmaceuticals to flexible packaging manufacturers. Its robust design and compliance with international standards provide essential data for assessing moisture barrier performance in both laboratory and industrial environments.

Technical Standards

Compliant Standards

GB 1037-1988, GB/T 16928-1997, ASTM E96-00e1, ASTM D1653-03, TAPPI T464, ISO 2528

Application Areas

Industries Served

- Food Packaging
- Pharmaceutical Packaging
- Flexible Packaging Materials
- Plastic Film Manufacturing
- Quality Inspection Institutions
- Academic Research

Technical Specifications

Working Principle	Weight reduction method (gravimetric analysis)
WVTR Measurement Unit	g/m ² ·24h
Testable Materials	Plastic Film, Barrier Materials, Sheets, Metal Aluminum, PVC Sheets