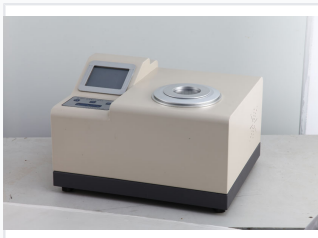


Water Vapor Transmission Rate Tester

The Water Vapor Transmission Rate Tester measures the water vapor transmission rate (WVTR) of packaging materials. It is widely used in the food, pharmaceutical, and flexible packaging industries for quality control.



ADDITIONAL IMAGES



Product Overview

Professional Water Vapor Transmission Rate Testing

This high-precision Water Vapor Permeation Tester utilizes the gravimetric weighting method to accurately measure the WVTR of diverse barrier materials. Designed for robust quality control, it maintains strict temperature and humidity parameters to ensure reliable performance across packaging, pharmaceutical, and food industries. The system provides clear, repeatable data, making it an essential tool for evaluating the moisture barrier properties of films, laminates, and sheets.

Standards & Compliance

Supported International Standards

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

Technical Specifications

Measurement Unit

$\text{g/m}^2\cdot 24\text{h}$

Test Principle

Gravimetric Weight Reduction Method

Applications

Industry Applications

- Food Packaging
- Pharmaceutical Packaging
- Flexible Packaging
- Textiles
- Electronics
- Construction Materials

Compatible Materials

- Plastic Films
- Barrier Materials
- PVC Sheets
- Metal/Aluminum Foils
- Laminates