

Water Vapor Transmission Rate Tester

The Water Vapor Transmission Rate (WVTR) tester measures the rate at which water vapor passes through packaging materials. It is used in the food, pharmaceutical, and flexible packaging industries for quality control.



ADDITIONAL IMAGES



Product Overview

Precision Water Vapor Permeation Analysis

This Water Vapor Transmission Rate (WVTR) Tester utilizes the weight reduction principle to accurately measure the moisture barrier properties of various packaging materials. Designed for industrial and laboratory environments, it provides reliable data for quality control in the food, pharmaceutical, and flexible packaging sectors. With support for multiple international testing standards, the instrument ensures precise atmospheric control to deliver consistent results.

Standards & Compliance

Supported International Standards	GB 1037-1988, GB/T 16928-1997, ASTM E96-00e1, ASTM D1653-03, TAPPI T464, ISO 2528
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Technical Details

Reporting Unit	g/m ² ·24h
Methodology	Weight reduction method (gravimetric)

Applications

Target Industries

- Food Industry
- Pharmaceutical Industry
- Flexible Packaging
- Barrier Materials Production
- Academic Research & Quality Institutions

Material Types

- Plastic film
- Sheets
- Metal aluminum
- PVC sheets