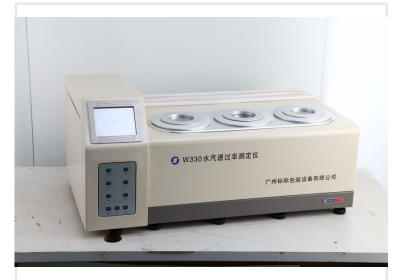


Water Vapor Permeability Analyzer

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



ADDITIONAL IMAGES



Overview

Professional Water Vapor Permeability Analyzer

This high-precision instrument is designed to measure the water vapor transmission rate (WVTR) of various packaging materials using the gravimetric method. It ensures rigorous quality control for industries such as food, pharmaceuticals, and flexible packaging by evaluating moisture barrier properties under controlled conditions. The system supports multiple international standards, providing reliable data for material characterization and development.

Technical Specifications

Testing Unit	g/m ² ·24h
Working Principle	Weight reduction method (Gravimetric)

Compliance & Standards

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

Target Industries

- Food Industry
- Pharmaceutical Industry
- Flexible Packaging
- Academic Research
- Quality Inspection Institutions

Compatible Materials

- Plastic film
- Barrier materials
- Metalized aluminum
- PVC sheets
- Textiles
- Coatings