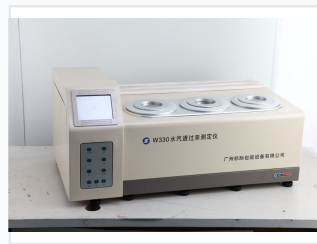


Water Vapor Permeability Tester

The water vapor permeation tester determines the water vapor transmission rate (WVTR) of packaging materials. It is widely used in the food, pharmaceutical, and flexible packaging industries for materials like plastic film, barrier materials, and sheets.



ADDITIONAL IMAGES



Product Overview

Precision WVTR Testing

This water vapor permeability tester utilizes the gravimetric weighting method to accurately measure the water vapor transmission rate (WVTR) of diverse packaging materials. By maintaining regulated temperature and humidity conditions on both sides of a sample, the instrument determines moisture barrier performance critical for food, pharmaceutical, and flexible packaging industries. It offers a robust solution for quality control and material research, ensuring consistent data according to international standards.

Technical Standards

Industry Standards

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

Technical Specifications

Measurement Unit

g/m²·24h

Working Principle

Weight reduction gravimetric method

Applications

Suitable Materials

- Plastic film
- Barrier materials
- Sheets
- Metal aluminum
- PVC sheets
- Textiles