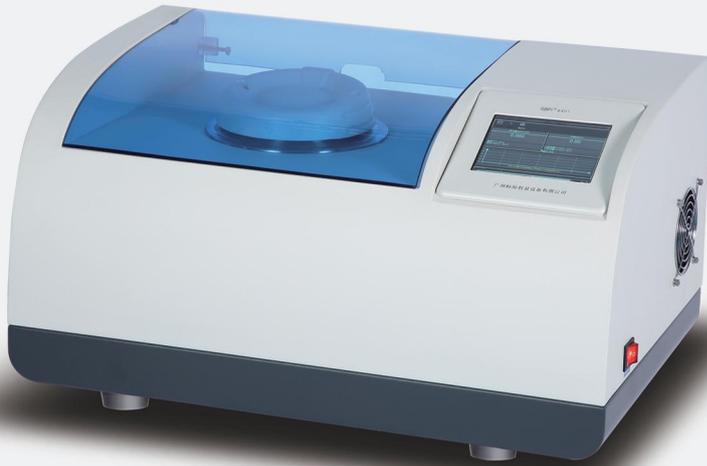


W401 Water Vapor Permeability Analyzer



Function

W401 water vapor permeability analyzer is to test the water vapor transmission rate (WVTR) of films, sheets, panel, rubber, ceramics, glass, bottle, cans, boxes, etc. It is widely used in quality inspection organizations, drug control institutions, research institutes, packaging, thin film, food companies, pharmaceutical enterprises, personal care industry, electronics industry and so on.



Features

- Easy to use :can set the parameters,display the testing curve and report.The machine is with operation system ,can operate independently(without computer).
- Temperature control :adopt international advanced electromagnetic temperature control technology, and the program stepping controlling system can control temperature elevating freely, without external accessories, temperature control precision accurate to 0.1 °C.
- RH control: with double gas flow RH method control, with high precision.
- Fully-auto operation, one-button test, judge and stop automatically.
- Sensor automatic protection.
- Real time curves display of transmission rate, water vapour concentration, temperature and humidity; curves can be easily zoomed and moved.
- Precise enough to test high barrier materials like aluminum foil.
- Test either flat films or finished packages.



ASTM F1249

ISO 15106-2

GB/T26253

TAPPI T557

JIS K7129



Technical Specification

Items	Technical Parameters
Measurement range	0.001~100g/ (m ² · 24h)
Resolution ratio	0.001g/(m ² · 24h) (film and sheet)
Temperature control accuracy	15°C~45°C (5~55°C optional)
Temperature control accuracy	±0.1°C
Humidity range	30~90%RH, 100%RH
Humidity control accuracy	±1%RH
Number of testing specimen	1 pc
Specimen dimension	Φ100mm, permeability area 50.24cm ² ,
Specimen thickness	≤2mm
Carrier gas	99.999% Nitrogen
Carrier gas pressure	≥0.1Mpa



Software Interface



Configuration

Main machine body, software, communication cable, Φ100 sample cutter, 1/8 inch copper tube, sealing grease, clip connector, water injector, spanner, standard test plate, mouse.



Users owned

User provide: nitrogen (99.999%), pressure releasing valve, computer

Optional (for purchase): test accessory, standard film, sealing grease, special clips, pressure releasing valve, computer.