

W 320 TYPE WATER VAPOR PERMEABILITY ANALYZER

FUNCTION AND USAGE

The GBPI model W320 has two test chambers with two separate sensors, and is a self standing instrument. W320 gives simultaneous test reports, as both the test chambers have separate SENSOR. It measures trace water vapor transmission rates in packaging barrier films. Model W320 ensures the high precision of the testing results with its accurate electromagnetic balance type weighing cell and the circuit handling. It can precisely control the temperature and simulate the humidity. The dual -testing mode (increasing and decreasing weight methods) is initially adopted. Testing curve could spontaneously show the permeation, temperature, humidity and the weight of water permeating cup. It also features auto-judging, auto-outage, and auto-storage of the data's. The adopted TCP/IP interface make it easy to inspect the running state, controlled by computer through USB. It is designed and manufactured according to the standard ISO2528:1995, GB/T1037-1988, GB/T16928-1997, YBB00092003, ASTM F1770, ASTM D1653-03, ASTM E96-00e1, ASTM E-398, TAPPI T464.

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!



TECHNICAL SPECIFICATIONS

1. Measuring range 0.02~10000g/m ³ *24h	0.0001g (best European brand, tested recommended by NASA)
SENSOR	
Test Chambers	Two (each chamber has a separate sensor)
2. Testing precision	0.001g/m ² *24h
3. Testing temperature	10°C~50°C
4. Temperature control precision	±0.1°C
5. Humidity Range	0%~30%RH (Best recommended as per International standards),(also available as per Chinese standard (5%-90% RH)
6. Humidity precision	±2%RH
7. Calibrated film supply	High barrier and Low barrier- 2 each (PET 12 and Multilayer 100u)
Dimension	20cm*20cm*2cm.
8. Silica gel required	250g / Chamber
9. Transmission area	50.24cm ²
10. Power Supply	220V,50HZ
11. Weight	60KG
12. Dimension	955 (L)mm*745(W) mm.*660(H) mm.