

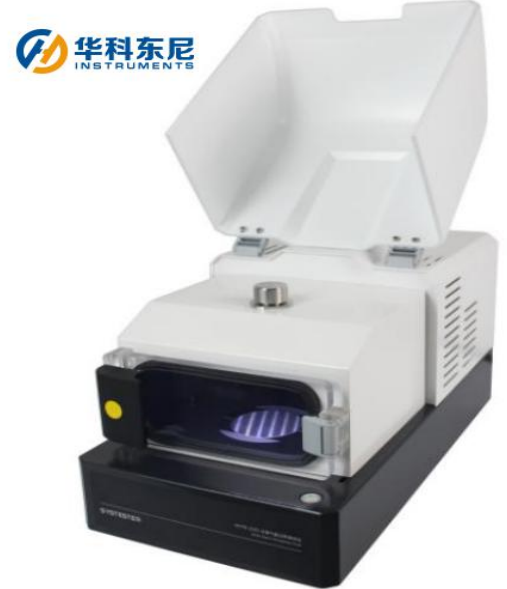
## Product Information

## HTZ C1 - 8L Lab Water Vapor Permeability Tester

**Application** :C1 is based on the weighing method and available for the water vapor permeability test of plastic films, aluminum foil, aluminized films, plastic composite films, textile and many others.

**Principles**

Test dishes filled with distilled water in a controlled dry atmosphere a constant humidity difference is generated between two sides of the test specimen, the water vapor permeates through the specimen and into the dry side, water vapor transmission rate and other parameters can be obtained by measuring the weight changes of the test dish in different time.

**Technical indexes**

1. Test range:0.1~19,000 g/m<sup>2</sup>·24h (standard)
2. Test accuracy: 0.01 g/m<sup>2</sup>·24h Specimen amount: 1
3. specimen Temperature range: 15C~60C
4. Temperature accuracy: ±0.1C
5. Differential humidity range: Room-95%RH,standard condition 90%RH
6. Humidity accuracy: ±1%RH
7. Test area: 28.26cm<sup>2</sup>
8. Specimen size: Φ76mm
9. Air velocity: 0.5~2.5m/s (customization available)
10. **Test chamber volume: 8L**
11. Gas supply: Air
12. Gas interface: Φ8
13. Power supply: AC 220V 50Hz
14. Dimension: 330mm(L) \* 600mm(D) \*340mm(H)
15. Net weight: 35kg

**Standard**

ISO 2528, ASTM E96, ASTM D1653, GB 1037, GB/T 16928, TAPPI T464, DIN 53122-1, JIS Z0208, YBB 00092003

**Features**

- specimens, continuously test
- One-button test, test automatically in whole process
- Multiple test modes optional
- Temperature and humidity auto control
- Data curves display

- Computer control
- Environment temperature and humidity sensor inside
- Unit based on embedded system, 24bit  $\Delta$ - $\Sigma$  AD
- Traceable reference film calibration
- Supports DSM system (DSM, lab data management system)

**accessories:**

Mainframe, computer, W-CTrans software, test dishes(1), desiccant tube, pressure regulator, automatic moisture filter, calibration weight, communication cable, sample cutter.

**Optional:** Reference film, air drying device, sample cutter, DSM system