

# TSY-T1

## Water Vapour Permeability Tester

TSY-T1 Water Vapour Permeability Tester is applicable in water vapour permeability test of barrier materials such as plastic film and laminated film.

Users can control and adjust the technical index of packaging materials by testing the water vapour transmission rate. Test process is automatically controlled by singlechip.

### Principle

Saturated water vapour transmits through specimen in a unit time under specified conditions of temperature and humidity. Determine the transmitted mass by test the decreasing weight of distilled water with time going.

### Operation characteristics

- Before test, just input parameters of pre-heating time, test temperature, and so on. Tester will finish the test automatically and prints out test results.
- Computer can enable the function of sorting store and sorting search. The test results can be displayed in data and curve.
- Calibrate with standard poise, easy to calibrate.

### Standard configuration

Mainframe, test cups, software, sample cutter, calibration poise.



### Features

- Water method, computer controls, high in accuracy, tests automatically
- High resolution, dispense with manual intervention, test rapidly
- High accurate temperature control, easy to realize the test condition
- Friendly human-equipment interaction, easy to operate
- Test data is displayed continuously, clear at a glance
- Sorted search function
- Function of storage, searching, print, plot, and communication
- High in steady, easy to calibrate

## Physical specifications

### Dimensions

69 x 36.5 x 36 cm (LxWxH)

### Net Weight

69 kg

## Technical data

## Standards

GB 1037, ISO 2528, JIS Z0208, ASTM E96, ASTM D1653

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