

**Product Name :**  
Gas Permeability Tester

**Product Code :**  
LIM-CAT-L0046-00002



**Description :**

Gas Permeability Tester

**Technical Specification :**

Gas Permeability Tester is based on the differential pressure method, and is professionally applicable to the determination of gas transmission rate as well as solubility coefficient, diffusion coefficient and permeability coefficient of plastic films, composite films, high barrier materials, sheeting, metal foils, rubber, tires and permeable membranes.

**Features:**

Gas transmission rate, solubility coefficient, diffusion coefficient, and permeability coefficient of the specimen could be obtained at one operation.

The instrument comes with two test modes: proportional mode and standard mode.

Test range could be extended based on user requirements to test materials with high permeability.

High precision temperature control to meet different test conditions.

Test results could be easily obtained even at extreme condition by data fitting function, which could work at any temperature.

The instrument could be used to test poisonous, inflammable, and explosive gases (customization required).

The instrument is controlled by computer and test process is automatic.

Reference film for fast calibration to ensure accurate and universal test data.

Fast-access calibration ports for temperature and humidity, and standard RS232 port for convenient calibration and data transfer.



## Laboratory instruments manufacturers India