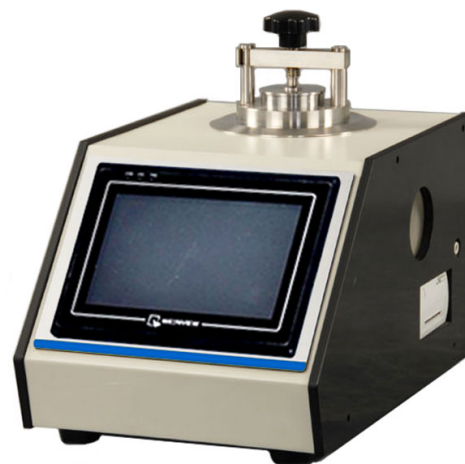


APT-01 Air permeability tester

APT-01 Air permeability tester is professionally designed for the determination of air permeability of materials. Medical packaging, medical paper, polyurethane, expanded plastics, PVC, leather, textiles, nonwovens and other materials. Through the test, physical characteristics of materials could be controlled to meet practical application requirements.

LEADING
INSTRUMENTS



Characteristics

1. This instrument is a touch screen operation, PLC control system, very convenient to operate
2. 2 test modes are available for customers: fix pressure difference to test flux and fix flux to test pressure difference
3. High precision sensors of electronic airflow and air pressure to ensure the accuracy of test data
4. Equipped with micro-printer

Principle

Method A

Providing a constant air flux going through the specimen vertically, the air permeability could be obtained by measuring the pressure difference.

Method B

Providing the constant pressure difference between two sides of the specimen, the air permeability could be obtained by measuring the air flux through specific area in the certain time.

Standards

ISO 9237, ISO 4638, ISO 5636, ASTM D737, TAPPI T460, JIS P8117

Technical Specifications

Test Range of Pressure	0 ~ 1000 Pa
Test Range of Flux	0 ~ 30 L/min
Specimen Size	Method A: 52 mm x 52 mm Method B: $\Phi 12 \text{ mm} \leq D(\text{diameter}) \leq \Phi 71 \text{ mm}$
Port Size	$\Phi 8 \text{ mm}$ PU Tubing
Instrument Dimension	502 mm (L) x 334 mm (W) x 298 mm (H)
Power Supply	220VAC 50Hz / 120VAC 60Hz