

## Air permeability Tester

The Pacorr Air Permeability Tester is designed to measure the rate of airflow passing through fabrics and materials under controlled conditions. It helps evaluate breathability and porosity, making it essential for textile, paper, and nonwoven industries to ensure product performance, comfort, and compliance with quality standards.

### Specification

- Measuring range: Wide airflow range (approx. 1–10,000 l/m<sup>2</sup>/s or equivalent)
- Test pressure range: Typically 10–2000 Pa for controlled testing
- Accuracy: ±2% for reliable and repeatable results
- Test area options: Multiple interchangeable areas (e.g., 5, 20, 50, 100 cm<sup>2</sup>)
- Display system: Digital display showing airflow values in various units
- Testing units: mm/s, m<sup>3</sup>/m<sup>2</sup>/min, cm<sup>3</sup>/cm<sup>2</sup>/s, etc.
- Clamping system: Pneumatic or manual clamp for airtight sample holding
- Test time: Fast testing cycle (approx. 10–15 seconds)
- Power supply: 220V AC, 50/60 Hz
- Compliance: Conforms to international standards like ASTM D737, ISO 9237

### Features

- Delivers precise and consistent measurement of air flow through materials
- Simple controls make operation quick and hassle-free
- Provides fast results to improve testing efficiency
- Suitable for a wide variety of fabrics and porous materials
- Secure sample holding ensures accurate and error-free testing
- Strong build quality for long-lasting performance
- Maintains stable pressure conditions during testing
- Compact design fits easily in laboratory spaces
- Requires minimal maintenance and upkeep
- Ideal for quality assurance and product development applications



Model: PCAPT-01

### Our Valuable Customer



**Pacorr Testing Instruments Pvt. Ltd.**

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