

Digital Fabric Air Permeability Tester

The Air Permeability Tester determines fabric resistance to air passage under constant pressure. It automatically calculates air permeability rapidly.



Product Overview



Precision instrument featuring a secure clamping mechanism for reliable textile analysis.

Precision Air Permeability Testing

This digital fabric air permeability tester provides accurate and swift measurements of air resistance for various textiles, including woven, knitted, and nonwoven materials. Designed for both quality control and research, the system features automated testing, interchangeable test heads for multi-size compatibility, and advanced data connectivity. It is an essential instrument for assessing functional textiles, weather-proof materials, and filtration products.

Technical Specifications

Test Pressure	3000 Pa
Flow Test Range	0.3-12000 mm/s
Sample Thickness	10 mm
Available Test Areas	5cm ² , 20cm ² , 25cm ² , 38cm ² , 50cm ² , 100cm ²

Features



User-friendly touchscreen interface showing real-time test parameters and connectivity status.

Smart Features

- Automatic identification of test head size
- Electromagnetic induction clamping system
- WIFI-enabled remote monitoring
- Automated data analysis and recording

Standards Compliance

Industry Standards

GB/T 5453, ISO 9237, ASTM D737, DIN 53887, JIS L1096, TAPPI T 251, EDANA 140.2, BS 5636, ASTM D3574

Physical Attributes

Dimensions & Weight

900 mm

Length

590 mm

Width

1000 mm

Height

80 kg

Weight