



OPTI-AIR

AIR PERMEABILITY TESTER



STANDARDS

ASTM D737, ASTM D5636

BS5636, DIN 53887

EN ISO 7231, EN ISO 9237

This tester can conform to but is not limited to the standards above.
For more standards conformance please email sales@roaches.co.uk or call +44 (0)1924 420083

Roaches reserve the right to alter the specifications or modify the appearance of products without prior notice.



The Roaches Opti-Air is used to determine the air permeability of conventional textile, non-woven textiles, coated fabrics, paper and leather.

Unit Features

- Touch screen control interface
- WiFi connectivity
- Results exported through SD card or WiFi
- Easy inter changing test heads
- Automatic aperture selection according to fabric performance

Key Specifications

Pressure Range	1 - 1,000Pa
Measuring Range	0.2 - 12,000mm/s
Measuring Accuracy	±2%
Sample Thickness (Max)	12mm
Test Heads	3 Supplied as Standard (Please specify)
Available Units	mm/s, L/m ² , cm ³ /cm ² , dm/min, L/dm ² /min, m/min, m/h, cfm
Orifice Plate	1pc with 8 different apertures
Power Supply	220V, 50Hz, 1 Phase
Dimensions	850 x 520 x 1050mm
Weight	125kg

Available Test Heads

- Test Heads: 5cm², 20cm², 25cm², 38cm², 50cm², 100cm²

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