

# AIR PERMEABILITY 37SC

## OVERVIEW

**AIR PERMEABILITY 37SC** measures air permeability of textile fabrics such as clothing and industrial fabrics, technical, downproof, nonwovens, filters, paper, felts, tents, foam materials and other types.

Precision volumetric counter for air flow measurements and pressure transducer with measure range up to 2500 Pa.

**HMI Touch screen** with 5" crystal liquid display managed by the operator.

**Ultra-silent internal vacuum unit** with sound pressure level < 40 dB.

**QUICK CHECK** with flow meter reading on real time.

Test area **reduction flanges** of 50, 20, 10, 5, 2 cm<sup>2</sup>.

**Metal plate** for periodical calibration check.

**Automatic** pressure drop adjustment.

**ASCII Printer** to get paper test reports.

**Application Software BAP4.0**, for test monitor and statistical evaluations of results and trend analyse;



## TECHNICAL DATA

Reference standard:	UNI EN ISO 9237:97, ISO 48, AFNOR G-07 11, ASTM D-737, EDANA 140.1, TAPPI T-251
Measure unit:	Lt/m <sup>2</sup> /s, m/s, cfm, dm <sup>3</sup> /s, cm <sup>3</sup> /cm <sup>2</sup> /s dm <sup>3</sup> /dm <sup>2</sup> /min Lt/min, L/h
Pressure drop:	0..900 Pa 0..2500 Pa
Measure range:	(1,4 ÷ 8056) Lt/m <sup>2</sup> /s (0,84 Lt/min ÷ 96,6 Lt/min) Lt/min (50 Lt/h ÷ 5800) Lt/h
Test area:	100, 50, 20, 10, 5, 2 cm <sup>2</sup>
Power supply:	110/230 VAC – 50/60 HZ
Dimensions:	600 x 600 x 1150 mm
Net weight:	100 Kg

### FYI:

Available **cover flange of 50 cm<sup>2</sup>** for samples with lateral air losses at request;  
Available test area of 38 cm<sup>2</sup> for **Standard ASTM D-737** at request;



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