

AIR PERMEABILITY TESTER



The digital air permeability tester accurately and swiftly determines the resistance of fabrics (woven, knitted and non woven textile materials) to the passage of air (air flow) under constant pre-set air pressure while firmly clamped in the test rig of selected test head/area.

The specimen is loaded to the test area of the instrument easily by means of a clamping lever. By pressing down the clamping arm to start the test, a powerful, muffled vacuum pump draws air through an interchangeable test head with a circular opening. The pre-selected test pressure is automatically maintained, and after a few seconds the air permeability of the test specimen is digitally displayed in the pre-selected unit of measure. By pressing down the clamping arm a second time the test specimen is released and the vacuum pump is shutoff.

Sample holders. A 20cm² test head is included with the instrument.

5 sq.cm test area, 20sq.cm test area, 25sq.cm test area, 38sq.cm test area, 50sq.cm test area. 100sq.cm test area.

Physical specifications

Dimensions

900mm x 590mm x 1000mm (W x D x H)

Weight

80kg

Standards

ASTM D0737, BS 5636, DIN 53887, AFNOR G07-111, EDANA 140.1, EN ISO 7231, EN ISO 9237, GB T 5453, JIS L 1096-A, TAP PI T251

