

Air Permeability Tester L 14DC

for determining the air permeability of textile fabrics according to German specifications DIN ISO 9237, GME 60 288, edition 05/98, WSP 70.1 (05) and EDANA ERT 140.2-99



Method:

Air passes through the clamped specimen, normal to the surface. The resistance of the specimen effects a loss of pressure so that a low pressure is produced. The setting of the given difference-pressure is managed by air regulation of the suction. The dimension is the amount of air passing through an area of a fixed size (e.g. 20 cm²) at a certain constant pressure.

Measuring ranges:

5 - 55 l/m².s

50 - 550 l/m².s

500 - 5600 l/m².s

Technical Data:

Power supply: 230 V, 50 Hz

Connected load: 700 Watt

Clamping devices: 50,20,50,100 cm²

Overhang: 250 mm

Measuring range: in 3-steps by changing

Low pressure instrument digital display, class 1,6

Measuring range variable 0 bis - 10 mbar

Calibration set:

3 hole discs for the lower, middle and upper range.