



MILESTONE INSTRUMENTS

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MI.GE-1018 Air Permeability Tester

Air Permeability Tester for textiles consists of an arrangement for holding the test specimens between two flat faces so as to expose a known area to the flow of air through it, a vacuum system to draw air through the exposed area of the test specimens. There is an arrangement to measure the volume of air flowing through the test.

Specimen, and arrangement to measure the pressure drop between the faces of the test specimen. The test specimen is hold between two round-shaped grips. The grips are lined with rubber gasket to avoid the leakage of air through the edges. The two grips can be held the test specimens with the help of a hand operated screw mechanism. The vacuum needed to draw the air through the test specimens is created with the vacuum pump supplied with the instrument. The vacuum pressure is measured by the digital manometer (or manometer tube) in terms of mm of water level & airflow is measured by the Rota meters attached with the instrument. The equipment is metallic paint & bright chrome plating finish for corrosion resistant finishing.

Technical Specification:

Test Area	5 cm ² , 10 cm ² , 20 cm ² & 38 cm ²
Inside Diameter	50 cm
Sample Thickness	Up to 10 mm
Rota meter	1800 - 18000 LPH , 2000 - 100 LPH, 200 - 20 LPH Or as per your requirement
Related Standards	BIS IS 11056:2013, DIN 53887, ASTM- D-737-96m
Manometer	Analogue or Digital as per your requirements



DIGITAL AIR PERMEABILITY TESTER

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