Product name:	Product code:
Foam Air Flow Permeability Tester	CMI-IND-0502

Description

Air flow tester that measures the volume of air passing through an open cell foam specimen at a set pressure drop. Used by acoustic, filter and cushion foam makers under ASTM D3574 Test G to assess cell openness.

Technical specification

- Specimen holder
- Silicone hose set
- Flow nozzle

A foam disc is sealed in a test chamber and air is drawn through it at a controlled differential pressure. A flowmeter displays air flow in litres per second. The result rapidly shows whether foam cells are properly opened or closed.

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Features

- Leather flowmeter equipment with manual gauge
- Vacuum pump for controlled pressure drop
- Differential pressure gauge on chamber
- Interchangeable specimen holder for thick samples
- Rigid aluminium chamber with tight seal

Technical Specifications

Test standards	ASTM D3574 Test G, ISO 7231
Pressure drop	125 Pa (0.5 in water) adjustable
Flow range	0.1 to 10 L/s
Flow accuracy	+/-3 percent FS
Specimen size	50 x 50 x 25 mm or 100 mm dia disc
Pressure gauge	0-500 Pa digital manometer
Vacuum pump	Rotary vane, 0.25 kW
Power supply	230 V AC, 50 Hz

Standard Accessories