

Gurley 4340

Densometers & Smoothness Tester

The Model 4340 Automatic Densometer & Smoothness Tester measures the porosity, air-permeability or air resistance of sheetlike materials. It combines the abilities of a low, standard and high pressure tester with a digital timer that provides a reading in seconds. An auto-drive mechanism, enables you to program the number of tests as well as the span they are tested over. Therefore, a sheet or strip of paper can be analyzed automatically.

Applications

- Porosity and smoothness of paper, textiles, paperboard, films, membranes, filter media, packaging, perforated metals and others.
- Quality control — Air permeability can be a direct representation of the uniformity of material.
- Analyze effects of treatments such as coatings, sizing agents, inks, resins or other additives.

Choice of Outputs

Porosity: Standard Gurley
Low Pressure Gurley
High Pressure Gurley
Sheffield units

Smoothness: Standard Gurley smoothness
Sheffield units

PHYSICAL SPECIFICATIONS

Instrument Dimensions (L x W x H):
15.75" x 12.5" x 9.25" / 400 x 317.5 x 235 mm

Power Rating: 120V/60 Hz, 220 V/50 Hz

Weight: 28.7 lbs (13 kg)

Air: Requires at least 40.5 PSI

Specifications subject to change without notice.



▲ 4340 Automatic Densometer & Smoothness Tester measures porosity and air-permeability of sheet-like materials.

APPLICATIONS

- Porosity & smoothness tests
- Automatic & manual test modes
- Output in seconds - improves efficiency
- Programmable auto-drive mechanism
- Interchangeable orifices:
1.0 sq.in. standard
0.25 & 0.1 sq.in. optional
- RS-232 computer output
- ASTM D726, TAPPI T460, T536, T538, T490, ISO 5636/5

