

## Model 4340 Automatic Densometer & Smoothness Tester

The Model 4340 Automatic Densometer & Smoothness Tester measures the porosity, air-permeability or air resistance of sheet-like 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

<b>Porosity:</b>	Standard Gurley Low Pressure Gurley High Pressure Gurley Sheffield units Bendtsen units
<b>Smoothness:</b>	Standard Gurley smoothness Sheffield units Bendtsen units Bekk units

### Specifications

- Instrument Dimensions:  
15.75" L x 12.5" H x 9.25" W  
( mm x mm x mm)
- Power Rating: 120V/60 Hz, 220 V/50 Hz
- Weight: 28.7 lbs (13 kg)
- Requires at least 40.5 PSI



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

### Features:

- 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



Thwing-Albert  
INSTRUMENT COMPANY

14 Collings Avenue  
West Berlin, NJ 08091  
Phone: 856-767-1000  
Fax: 856-767-2615

E-mail: [info@thwingalbert.com](mailto:info@thwingalbert.com)  
[www.thwingalbert.com](http://www.thwingalbert.com)

An ISO 9001:2000 Registered Company