

SMOOTHNESS & POROSITY TESTER “Gurley”

For determining the Smoothness/Roughness & Porosity of paper and board

According to Standards: ISO 5636/5 - TAPPI T-460 - TAPPI T536 - ASTM D-726 - ASTM D-202
APPITA/AS 1301-420 - BS 5926 - CPPA D-14 - SCAN P-19 - SCAN P-53.

- Automatic and Manual test modes
- Output Units per calculation: *BEKK, BENDTSEN, GURLEY y SHEFIELD*
- Choose from several volume settings
- Programmable auto-drive mechanism
- Interchangeable orifices (1.0 in² standard, 0.25 & 0.1 in² optional)
- Easy to read, menu-drive graphic display
- Calculate mean and Standard deviation automatically
- RS-232 y Centronics output to most computers & printers
- No oil required
- Consistent clamping device
- LYNX Compatible



OPTIONS

- ✓ Air filter / Regulator / Desiccant combo
- ✓ Printer, dot matrix, roll feed
- ✓ Interchangeable orifices (1.0, 0.25 & 0.1 in²)

The Model 4340 differs from the traditional manual Densometers in several ways. First, the Model 4340 utilizes the latest mass flow and servo-regulator technology to provide a quick, accurate test that is oil-free. Second, pneumatic cylinders insure both a consistent clamping pressure as well as an automatic test feature; which allows the user to test a sample several times without constantly opening and closing the test area by hand. Third, with the addition of an auto-drive mechanism, the user can program the number tests as well as the span they are tested over. Therefore, a sheet or strip of paper can be analyzed automatically, with output in either Gurley seconds, Sheffield, Bendtsen or Bekk equivalent seconds.

OPTION: LYNX Software

Through a PC and **LYNX Software + Tests Modules**, it is possible to capture quickly and reliable results of the tests. Later it is possible to make statistical calculations



CONNECTIONS:

Electrical: 110V/60Hz or 220V/50Hz, Single-phase
Compressed air: minimum 40,5 PSI

DIMENSIONS & WEIGHTS:

Dimensions: 325 x 320 x 235 mm (Large x Wide x High)
Packaging: 680 x 720 x 550 mm (Large x Wide x High)
Net/Gross Weight: 14 Kg / 25 Kg

DELIVERY CONTENT:

> Automatic Smoothness and Roughness tester 4340 (1.0 in² orifice)

Doc. : 4340-1-CAT-I-R2