

SMOOTHNESS, POROSITY & SOFTNESS TESTER

(GURLEY TYPE)

CATALOGUE NO.: GEC-P40113-B

Smoothness, Porosity & Softness Tester measures average Smoothness, Porosity and Softness of paper and films by determining the time necessary for a certain volume of air to flow through the inserted sample, under a uniform pressure. Air is forced downward at a low uniform pressure through an open tube to the upper orifice plate against which the sample is clamped. Each 50cc of air is marked and the test consists of timing the amount of air used in any three ways listed below:

Smoothness Test : Lateral flow between several sheets.

Porosity Test : Rate of flow through one square inch.

Softness Test : Rate of flow over the surface.



APPLICABLE STANDARDS :

TAPPI T479, TAPPI T460, TAPPI T490 SCAN P53, SCAN P19, CPPA P14

Salient Features:

- Inner cylinder of light metal with top of Chromium Plated Brass.
- Outer cylinder of Chromium Plated Brass.
- Built-in leveling base.
- Provided with Electronic Self-Starting Timer.
- User-selectable measuring volume.
- Self-aligning clamping plate of stainless steel with ground top surface.
- Rubber Gasket for air tight sealing for sample.
- Provided with the ring mark for measuring air leakage through the specimen.
- Support spring for the inner cylinder in the raised position.

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