

## SMOOTHNESS, POROSITY & SOFTNESS TESTER

(BENDTSEN TYPE WITH ELECTRONIC MODEL)

CATALOGUE NO.: GEC-P40113-D

Smoothness, Porosity & Softness Tester is a fast and reliable instrument for accurate measurement of surface smoothness and roughness of paper grades. The equipment is supplied with advanced high precision mass flow meter, which offers remarkably accurate measurement even at small flows. Each result is presented on digital display and documented on the built in printer.

### Test Description:

Bendtsen Roughness is achieved by clamping the test piece between a flat glass plate and a circular metal surface. Bendtsen Air Permeance is measured as the mean airflow through an area of 10 cm<sup>2</sup> of the test piece clamped between circular gaskets. Measuring starts automatically and the result can be read after approx. 5 seconds.



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### APPLICABLE STANDARDS :

TAPPI UM535, SCAN P21, ISO 5636/3, 8791/2,  
DIN 53108, DIN 53120

### Salient Features:

- High accurate thermal mass flow meters and controllers control flow-rate and the Flow measurement.
- Includes roughness and porosity measurement head.
- Including weights for hardness test and plan weight.
- Statistical functions & large graphic display.
- Impermeability inspection easy to execute (head checking possibility).

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## Global Engineering Corporation

82, Ganga Sagar Scheme, 200 Feet Bypass,  
Sirsi Road, Jaipur-302021

Tel: +91-141-5179040, 2470290, Fax: +91-141-5179040

Email: [sales@gecpaper.com](mailto:sales@gecpaper.com)

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