

Roughness & Air Permeance Tester



INTRODUCTION

The Roughness and Air Permeance Tester is an advanced microprocessor-controlled instrument for measuring the roughness and air permeance of paper and board using the Bendtsen method. The instrument incorporates significant technological advances to offer unrivalled accuracy and reproducibility.

Test result variability inherent in Dr. Bendtsen's original design has been eliminated by measuring the air pressure in the head directly over the substrate and by the subsequent electronic regulation of that air pressure.

APPLICATIONS

Paper

SPECIFICATIONS

- Meets ISO 5636/8791/2, BS 4420, DIN 53108/53120, SCAN P21
- Factory calibrated to traceable National Standards

INCLUDED ACCESSORIES

- Hardness weight, ground glass plate, plan weight (four measuring positions), measuring head, roughness only.

OPTIONAL ACCESSORIES

Air permeance measuring head.

FEATURES

- **Unique extended range 0-5000 ml per minute**
- **Easily interchangeable measuring lands**
- **Selectable air permeance units in ml/min. or $\mu\text{m}/\text{Pa}\cdot\text{s}$**
- **RS232 serial data output**

INSTRUMENT SIZE

Depth: 350 mm (14 in.)
Height: 240 mm (10 in.)
Width: 350 mm (14 in.)

WEIGHT

25 kg (55 lb)

CONNECTIONS

Electrical: Specify voltage requirements when ordering

Air: (instrument quality) 600 kPa

ORDERING INFORMATION

Catalog no. 58-21-00

**The TMI Group
of Companies**



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