



Bendtsen Roughness Tester

Model 58-27

Introducing a NEW Bendtsen roughness tester from Testing Machines, Inc., a leader in innovative testing instrumentation for all industries.



NEW



The **NEW** 58-27 Bendtsen Roughness 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 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.

Along with a interactive touch screen, the instrument incorporates technological advances to offer unrivaled accuracy and reproducibility. Updated electronics and firmware provide state-of-the-art operation while a more accurate, and faster flow measurement system and new type pressure controller improve overall performance and reliability.

FEATURES

- Interactive touch screen display
- 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

APPLICATIONS

Paper

STANDARDS

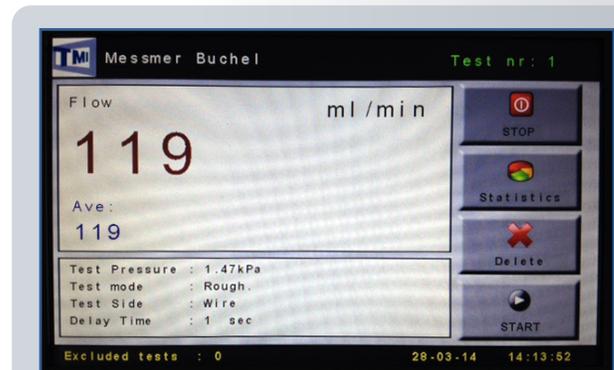
- Meets ISO 5636/8791/2, BS 4420, DIN 53108/53120, SCAN P21
- Factory calibrated to meet traceable National Standards

INCLUDED ACCESSORIES

Ground glass plate, plan weight (four measuring positions), measuring head, roughness only

OPTIONAL ACCESSORIES

Air permeance measuring head
Hardness weight



Menu-driven touch screen for simple operation

INSTRUMENT SIZE (DxHxW)

250 mm (14 in.) x 240 mm (10 in.) x 250 mm (14 in.)

WEIGHT

25 kg (55 lb)

CONNECTIONS

Electrical: Specify voltage requirements when ordering
Air: 600 kPa (instrument quality)

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