

Bending Resistance Tester



A user-friendly microprocessor-controlled instrument to determine the bending resistance of paper and paperboard!



INTRODUCTION

The Bending Resistance Tester is designed to determine the bending resistance of paper and paperboard using the 2-point bending method.

SPECIFICATIONS

- Choice of 10N or 1000mN load cell
- Min. force sensitivity: 0.5mN with 1000mN load cell
- Selectable bending angle 5.0-90° and test length 5-50 mm
- Meets ISO 2493, AS/NZ 1301-4535, BS 3748, DIN 53121, SCAN P29, TAPPI T556
- RS232 serial data output, printer output and analog signal output
- Can be directly calibrated to traceable National standards

FEATURES

- **Direct sample to load cell contact aids accurate measurement**
- **Easy selection of test parameters from a comprehensive range through a setup menu**
- **Motorized test length setting**
- **Instrument can calculate Taber Stiffness units**
- **Pneumatic clamps with fast release provide consistent clamping pressures for fast, repeatable results**
- **Large, clear display showing peak value and the angle at which it was achieved**
- **Load cell fitted with overload protection**
- **Analog output (use for X-Y recorder-not included)**

INSTRUMENT SIZE

Depth: 330 mm (13 in.)
Height: 180 mm (7 in.)
Width: 330 mm (13 in.)

WEIGHT

15 kg (33 lb)

CONNECTIONS

Electrical: Specify voltage requirements when ordering
Air: (instrument quality) 400-600 kPa
700 kPa (90 psi) max. supply pressure

INCLUDED ACCESSORIES

- Clear plastic table for deadweight calibration

OPTIONAL ACCESSORIES

- Certified deadweight set to meet ISO requirements
- Sample Cutter
- Printer

ORDERING INFORMATION

Load cell	Catalog number
10 N	79-25
1,000 mN	79-25 (specify 1,000 mN)

The TMI Group of Companies



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