

Monitor/Smoothness II™



INTRODUCTION

The Monitor/Smoothness II™ Tester is designed to work with existing smoothness and porosity heads. It provides an inexpensive means to improve measurement accuracy, and to remove old style mercury-based measuring systems.

APPLICATIONS

Linerboard, Carton board, Coated board, Fine paper, Coated paper, Newsprint, Films & foils, Printing/graphics, Packaging

SPECIFICATIONS

- Meets TAPPI T-538, CPPA D.29P, ISO 8791/3 and AS 1301.441 for smoothness
- Meets TAPPI T-547, ISO 5636/4 and AS 1301.441 for permeability
- Direct readings in “Sheffield” (Range 15-400) and SCCM unites (Range 103-3344).

OPTIONAL ACCESSORIES

- Smoothness gauge
- Printer

FEATURES

- **Digital display, storage and editing of up to 200 readings**
- **Selectable units (“Sheffield” and SCCM)**
- **RS-232 Centronics output**
- **Settable limits**
- **Statistics—average, standard deviation, high/low results, and report printout with optional printer**
- **Fully compatible with existing smoothness and porosity gauges**
- **Measurements are taken through a high precision flow sensor rather than a flow tube**
- **NIST traceable**

INSTRUMENT SIZE

Depth: 305 mm (12 in.)
Height: 165 mm (6.5 in.)
Width: 311 mm (12.3 in.)

WEIGHT

7.7 kg (17 lb)

CONNECTIONS

Electrical: Specify voltage requirements when ordering
Air: (instrument quality) 207 kPa

ORDERING INFORMATION

- Catalog number 58-24-01

The TMI Group of Companies



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