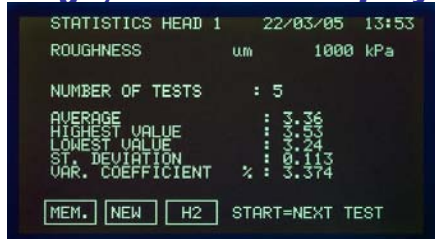


Avoid time-consuming, costly printing problems with the

Parker Print-Surf™ (PPS)

Large, clear LCD Display!



Developed from Dr. John Parker's original method, the Parker Print-Surf is a microprocessor-controlled instrument, which performs high speed, precision measurements of paper surface roughness under conditions that simulate those encountered during the printing process.

The specimen is clamped between a precision engineered measuring head and a specially designed backing assembly. The resistance to airflow is measured and converted to a mean roughness value in micrometers.

In its latest form the instrument offers extended ranges of clamp pressure and measurement capability, together with a dual-head option for increased testing efficiency. This versatile instrument provides the information you need to avoid time-consuming, costly printing problems.

Applications:

Fine paper, coated paper, newsprint, coated board, linerboard, films and foils, printing/graphics, packaging, carton board.

Specifications:

- Number of measuring heads: One or two (58-07-00-0001)
- Roughness range-normal: 0.20 - 6.50µm
- Roughness range-high: 6.0 - 15.0µm
- Air permeance range - ISO 5636/1: 0 - 14.5µm.Pas
- Air permeance range - Bendtsen equivalent: 0-10000ml/min
- Air permeance range- Gurley equivalent: 1-6000s
- Clamp pressures - preset: 500, 1000, and 2000kPa
- Clamp pressures - custom setting: 100 - 5000kPa
- Conforms to ISO 8791/4 and TAPPI T555



- Membrane keypad operation
- Dust purger
- Automatic specimen detection
- One-touch statistics display
- Built-in diagnostic routines
- Built-in calibration routine for plastic and paper reference standards
- Calibration device included
- Dual range to measure rougher samples
- Extended clamp pressure range for better printing simulation
- Measures roughness both sides or roughness/air permeance simultaneously (Dual Head Model only)

Dimensions:

Depth: 558mm (22in)
Height: 430mm (17in)
Width: 380mm (15in),
476mm (18.7in)- dual head model

Optional Accessories:

Calibration disc set
Thermal mini-printer
Test-Link data acquisition software

Connections:

Electrical: 110VAC, 60Hz, 150VA
220 VAC, 50Hz, 150VA
Air: 550-700 kPa (instrument quality)

Alternative Language Options:

French, German, Spanish or Finnish

Ordering Information:

Single Head Model: Catalog #58-06-00-0001
Double Head Model: Catalog #58-07-00-0001

**The TMI Group
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