

PARKER PRINT SURF DUAL HEAD 58-07



FEATURES

- Membrane keypad operation
- Dust purge
- Automatic specimen detection
- One-touch statistics display
- Built-in diagnostic routines
- Built-in calibration and paper reference standards
- Calibration device included
- Dual range to measure rougher samples
- Extended clamp pressure range for better printing stimulation
- Measures roughness/air permanence simultaneously (Dual Head model only)

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
Liner board, Films and foils, Printing/graphics, Packaging and Carton board

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Specifications

Single Head Model	58-06-0001
Double Head Model	58-07-00-0001
Number of measuring heads	One or Two (58-07-00-0001)
Roughness range-normal	0.20-5.50 μm
Air Permeance range	ISO 5636/1:0-14.5 $\mu\text{m Pas}$
Air Permeance range	Bedsten equivalent: 0-10000 ml/min
Air Permeance range	Gurley equivalent: 1-6000s
Clamp pressure-preset	500, 1000, and 2000 kPa
Clamp pressure-custom setting	100-5000 kPa
Alternative Language Options	French, German, Spanish or Finnish
Dimensions W x D x H	380 mm x 558 mm x 430 mm (15 in x 22 in x 17 in) 476 mm x 558 mm x 430 mm (18.7 in x 22 in x 17 in) Dual Head model
Weight	36 kg (80 lbs)
Electrical	110 VAX, 60 Hz, 150 VA or 220 VAX, 50 Hz, 150 VA
Air	550-700 kPa (instrument quality)

Standards

ISO 8791/4	Paper and board -- Determination of roughness/smoothness (air leak methods) -- Part 4: Print-surf method
TAPPI T555	Roughness of paper and paperboard (Print-Surf method)



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