

PARKER PRINT SURF 58-07



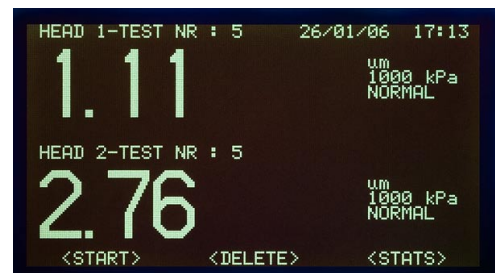
Features

- 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, carton board



Large LCD Display

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 um
Air Permeance range	ISO 5636/1:0-14.5 um 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)

Main Headquarters

Testing Machines Inc.
2 Fleetwood Court
Ronkonkoma, NY 11779
Tel: (631) 439-5400
Fax: (631) 439-5420
Info@testingmachines.com

Messmer Instruments
Unit F1 Imperial
Business Estate
West Mill, Gravesend
Kent DA11 0DL UK
Tel: +44 (0) 1474 566488
Fax: +44 (0) 1474 560310

Büchel BV
Fokkerstrat 24,
3905 KV
Veenendaal, Netherlands
Tel: +33 (0)318 521500
Fax: +33 (0)318 5400358

**Lako Tool and
Manufacturing Inc.**
7400 Ponderosa Road
Perrysburg, Ohio 43552
Tel: (419) 662-5256
Fax: (419) 662-8225

Lawson Hemphill
1658 G A R Highway
Swansea, MA 02777 USA
Tel: (508) 679-5364
Fax: (508) 679-5396
Information@
lawsonhemphill.com

Adamel Lhomargy SARL
Z.A. de l'Habitat,
Bâtiment 6 Route d'Ozoir,
77680
Roissy en Brie, France
Tel: +33 (0) 1 6440291
Fax: +33 (0) 1 64409211

TMI Canada
P.O. Box 203
Pointe-Claire Dorval
QC, H9R-4N9 CAN
Tel: (514) 426-5855
Fax: (514) 426-1557



www.testingmachines.com

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