



PPS Parker Print Surf

Model 58-06

Avoiding print problems through testing

The Parker Print Surf measures the roughness of a wide variety of samples according to the Dr. John Parker method. With its high speed and pressure setting the Parker Print Surf simulates the way ink is applied during the printing process. The clamp pressure is adjustable making it possible to simulate different printing settings. The instrument is used for fine paper, coated paper, newsprint, coated board, linerboard, films and foils, packaging and carton board. A porosity head is available as an option to test the air permeancy.

Test Results

The measurement of the Parker Print-Surf gives valuable information for the Printing Process. With the data, the amount and the way the ink should be applied can be predicted. This information helps to avoid time-consuming and costly printing problems.

Features:

- Automatic sample detection
- Dummy head to check calibration
- Clamping pressure 100–5,000kPa
- Standard supplied with Roughness
- Porosity as an option

International Standards:

- ISO 8791/4
- ISO 5636/1
- TAPPI T-555

Is your required standard not here? Ask us.

Technical Specification:

Model	58-06 Series Available with one or two heads
Roughness range-normal	0.20–6.5µm
Roughness range-high	6.0–15.0µm
Clamp pressure	100–5,000kPa
Head	Roughness and/or porosity
Language	Multiple available

Installation Requirements:

Electrical	110 V/60Hz or 220V/50Hz
Air	550–700kPa (instrument quality)
Dimensions	558x380x430mm (LxWxH) 22x15x17inch
Weight	± 39kg/20lbs

Output:

- RS 232 and printer connection

Optional/Accessories:

- Graph Master Software
- Porosity head

6 Unique Features:



Simulate printing process

The PPS tester simulates the printing process. A similar pressure and a similar size surface is used to perform the test.



Roughness and porosity

The PPS is capable of measuring roughness and porosity. A roughness head comes standard on the 58-06. The optional porosity head can be added at any time.



Twin head option

The PPS can be delivered with two heads. This enables you to quickly test the upper and lower side of the sample or roughness and porosity.



Clamping pressure

The clamping pressure can be set at 500/1,000/2,000kPa. One custom pressure field can be entered with an open range from 100–5,000kPa.



Calibration check

The instrument comes with a calibrated dummy head. The dummy head helps you to check the calibration of the instrument.



Other roughness/porosity

The additional porosity head does more than measure PPS porosity alone. A calculation factor is used to reflect the Bendtsen and Gurley Porosity.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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