



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 optin 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 5,000 kPa
- 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



Taking care of quality



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.
Standard a roughness head is delivered. The optional porosity head can be added at any given 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 500/1,000/2,000 kPa. One custom pressure field can be entered with an open range from 100 - 5,000 kPa.



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.

Specifications

Model 58-06 Series

Available with one or

two heads

Roughness

range-normal 0.20 - 6.5 µm Roughness range-high 6.0 - 15.0 µm Clamp pressure 100 - 5,000 kPa

Head Roughness and/ or porosity

Language multiple available

Installation requirements

Electrical 110 V/60 Hz or 220V/50 Hz

Air 550-700 kPa (instrument quality)

Dimensions 558 x 380 x 430 mm (LxWxH)

22 x 15 x 17 inch

Weight \pm 39 kg/ 20lbs

Output

RS 232 and Printer connection

Optional/accessories

Graph Master Software

Porosity head



