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 optin to test the air permeancy.

Features

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

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.

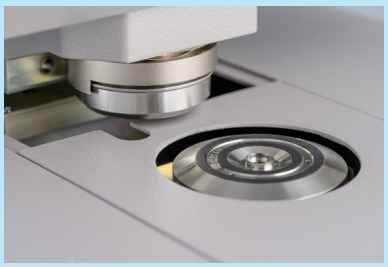
International Standards

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

Is your required standard not here? Ask us

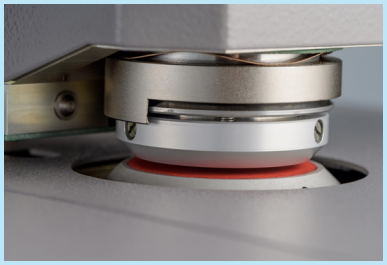
Taking care of quality

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 – 6.5µm
Roughness range-high	6.0 – 15.0µm
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	± 39 kg/ 20lbs

Output
RS 232 and Printer connection

Optional/ accessories
Graph Master Software
Porosity head

MESSMER BÜCHEL

INDUSTRIAL PHYSICS

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