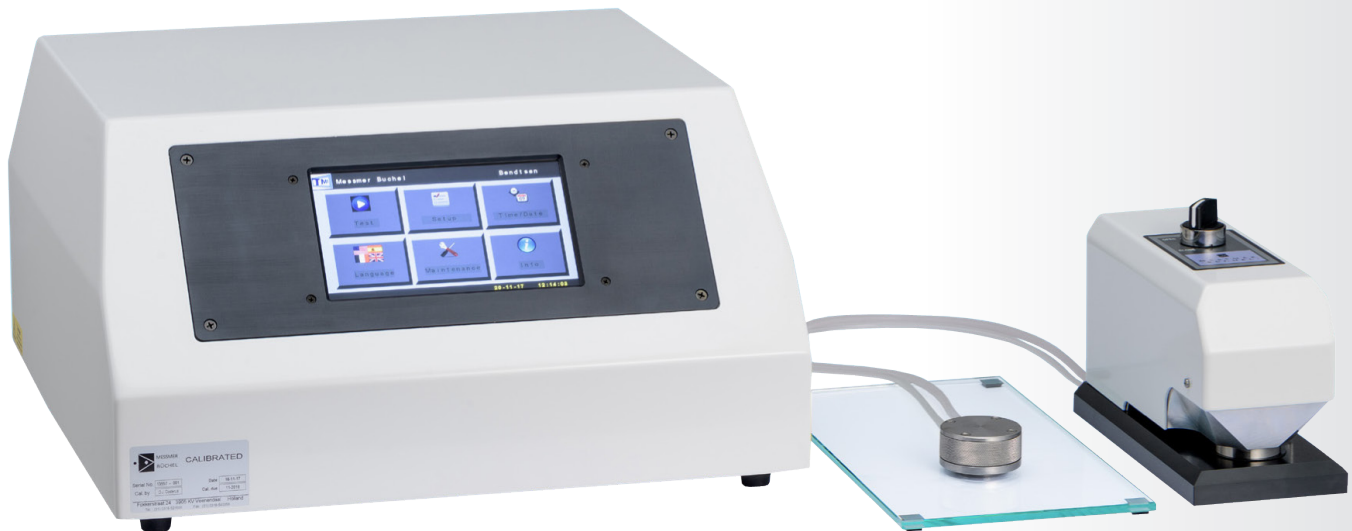




# Bendtsen Roughness and Porosity

Model 58-27



## All-Around Roughness and Porosity

The Bendtsen Tester is able to measure both the roughness and porosity of paper and board.

The instrument is easy to use. The 7-inch touchscreen uses intuitive icons.

## Test Results

The original test design of Dr. Bendtsen had problems keeping the air pressure at a constant level. The 58-27 Bendtsen tester measures the air pressure in the head. Therefore, a change in pressure is directly recorded and controlled.

## Features

- Measures both Roughness and Porosity
- 7-inch touchscreen
- Internal Calibration Routine
- Electronic measurement for constant air flow
- Flexible roughness head
- Sheffield options available

## International Standards

### Roughness

- ISO 8791-2
- Scan P21
- Nen 2012
- BS 4420
- DIN 53108

### Porosity

- 5636-3
- Nen 2015
- BS 1990
- DIN 53120

Is your required standard not here? Ask us.

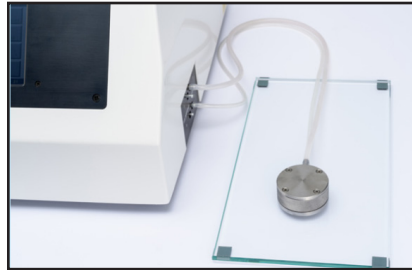
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## Model 58-27



### Touchscreen

The touchscreen uses big icons to guide you through the settings and tests. This makes navigation intuitive and less language dependent.



### Roughness head

The roughness head (10cm<sup>2</sup>) is connected to the instrument with flexible hoses. The flexibility makes it easy to rapidly perform multiple tests.



### Porosity head

The porosity head clamps the sample automatically ensuring a constant pressure. Roughness and porosity can be measured with one instrument.



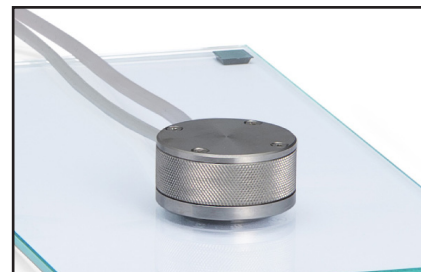
### Constant pressure

A constant air pressure at the measuring head is vital for a reliable result. The Bendtsen has a direct feedback, making it possible to adjust if needed.



### Sheffield option

The Bendtsen tester can also be supplied with a Sheffield option. A special head is connected to the Bendtsen to meet the Sheffield specifications.



### Refurbish roughness head

Replacing the measurement ring is very easy. This avoids replacing the complete, expensive, head when it wears over the years.

## Specifications

Model	58-27 Series
Measuring units	roughness ml/min, l/min porosity ml/min, l/min, µm(pas.s)
Measuring range	20 – 5000 ml/min
Test pressure range	0.7 – 2.5 kPa
Accuracy flow:w	0.5% of reading
Language	Several available, including Chinese

## Installation Requirements

Electrical	110V /230V /50/60 Hz
Air	400-600 kPa
Dimensions	460 x 430 x 230mm (LxWxH) (18 x 17 x 9 inch)
Weight	16 kg (36 lb.)

## Output

Mini USB

## Optional/Accessories

Graph Master

