

Article No. S40450

Stand Alone

1

# Air Permeability Tester Acc. To Gurley

For: To measure the air permeability according to Gurley.



✓ PAPER



✓ BOARD



✓ ProbeNet-  
capable

## MOST IMPORTANT BENEFITS:

- ✓ Pneumatic lifting and lowering function
- ✓ Operation via the digital control box
- ✓ Automatic test sequence

 **FRANK-PTI**  
QUALITY TESTING INSTRUMENTS

SUBSIDIARY OF  Hofmann

 **M.C. TEC**

Sales and service benelux

M.C. TEC  
Distributiestraat 73  
4283JN Giessen, Netherlands  
Phone: +31 0183 445050  
[www.mctec.nl](http://www.mctec.nl) | [info@mctec.nl](mailto:info@mctec.nl)

## PRODUCT DESCRIPTION

The digital air permeability tester according to Gurley consists of a robust cylinder with a pneumatic lifting and lowering mechanism. The start and stop position of the cylinder is detected by a sensor. The device is operated by a separate control unit, which evaluates the measurement data and displays it on a digital display, as well as calculating statistical values.

## TEST DESCRIPTION

The sample is inserted into the test area and is pneumatically clamped when the start button is pressed. The calibrated cylinder is released and floats down into the sealing liquid. When the end position is reached, the measurements are sent to the control unit, and displayed there. When the stop button is pushed, the sample is released again and the measuring cylinder travels back to the start point. If more than one measurement is carried out, both individual and statistical values are displayed.



Sample is pneumatically clamped after pressing the start button



Robust cylinder with pneumatic lifting and lowering device

## TECHNICAL DATA

### DEVICE/INSTRUMENT

- Graduated measuring cylinder with 20 oz capacity
- Measuring area: 1 in<sup>2</sup>
- Pneumatic lifting and lowering function (no manual lifting of the cylinder – no splashing of oil)
- Operation via the digital control box
- Digital display of the measuring and statistic data
- Compatible with ProbeNet

### APPLICABLE STANDARDS

ISO 5636-5  
TAPPI T460  
\*more standards on request

### MEASUREMENT

Measuring accuracy	+/-1%
Measuring area	1 in <sup>2</sup> / 0,1 in <sup>2</sup> (nach Model)
Display	Air permeability: Gurley sec.
Statistics	Min. / Max. / Ø / Stand. Dev.

### CONNECTIONS

Power:	110-230V/50-60Hz
Water:	-
Compressed air:	6bar (for hose 6mm)

### DATA

RS232	Data output
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### DIMENSIONS

Version	<b>L x H x B</b>
S404500000/1	200 x 460 x 230mm
S4045000002/3	200 x 460 x 230mm
<b>Gewicht:</b>	net/gross
S404500000/1/2/3	9kg / ca. 36 kg

### ARTICLES / MODELS

S404500000	Gurley Air Permeability Tester automatic 20 OZ
S404500001	Gurley Air Permeability Tester automatic 5 OZ 0,1 inch <sup>2</sup>

\*more models on request

#### Accessories

S404500002	Test aperture 20 OZ
S404501006	Sealing liquid (Oil) 1000ml
S404501007	Sealing liquid (Oil) 250ml