

StandAlone

Article No. S40450



# AIR PERMEABILITY TESTER ACC. TO GURLEY AUTOMATIC

To measure the air permeability according to Gurley.

For:



✓ PAPER



✓ BOARD



## MODELS

- 5 oz / 0,1 inch<sup>2</sup>
- 5 oz / 1 inch<sup>2</sup>
- 20 oz / 0,1 inch<sup>2</sup>
- 20 oz / 1 inch<sup>2</sup>



✓ ProbeNet-  
capable

## MOST IMPORTANT BENEFITS

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

 **FRANK-PTI**  
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## 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.

## 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 (see pages 78 – 81)

### INSTALLATION REQUIREMENTS

Electrical connection	110 – 230 V / 50 – 60 Hz
Water connection	No
Compressed air	4 – 6 bar

### APPLICABLE STANDARDS

- ISO 5636-5
- TAPPI T460



Separate control unit



Robust cylinder with sensor and pneumatic lifting



Sample is pneumatically clamped when the start button is pressed