

# No. 869 Frazier Permeameter Model P2



*Note: Mini printer shown is optional*

## ■ APPLICATION

The **Frazier Permeameter** measures permeability to air of permeable materials such as woven and non-woven cloth and filter paper according to ISO 9237 etc. A constant suction pressure (differential pressure) is applied to specimen, air flow rate is measured and air transmission characteristic of the material is evaluated by determining air transmission per unit time per unit area.

## ■ FEATURES

- Automatic measurement.
- Automatic calibration.
- Easy and quick measurement.
- Measurement results can be printed with a mini thermal printer. (Optional)
- Measurement results can be transferred to spreadsheet software. (Optional)
- Lightweight and compact.

## ■ SPECIFICATIONS

Model	P2
Measurement range	<ul style="list-style-type: none"> <li>■ 0.5 to 500cm<sup>3</sup>/cm<sup>2</sup>·s (Standard)</li> <li>■ 0.05 to 50cm<sup>3</sup>/cm<sup>2</sup>·s (Optional)</li> </ul>
Measurement area	<ul style="list-style-type: none"> <li>■ 5cm<sup>2</sup> (Approx. Ø25mm) (Standard)</li> <li>■ 100cm<sup>2</sup> (Approx. Ø113mm) (Optional)</li> </ul>
Differential pressure	50 to 500Pa (Automatic control)
Specimen clamp	Manual knob type
Permeability calibration	Automatic calibration with calibration plate
Display item	<ul style="list-style-type: none"> <li>■ Differential pressure (Pa)</li> <li>■ Air permeability (cm<sup>3</sup>/cm<sup>2</sup>·s)</li> </ul>
Interface	RS-232C
Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 1kVA
Dimensions	W600 x D500 x H1200mm
Weight	Approx. 55kg
Related standards	JIS L 1096, JIS L 1913, JIS R 3420 ISO 9237, ISO 9073-15 ASTM D737, ASTM D737

## ACCESSORIES & OPTIONS

● Included    ○ Optional

	Name	Model	Part No.	P2
1	Clamp, 5cm <sup>2</sup> (Set of upper & lower)	----	----	●
2	Clamp, 100cm <sup>2</sup> (Set of upper & lower)	CL100	----	○
3	Mini thermal printer	----	----	○
4	Data transfer software for spreadsheet software (Note: PC and MS Excel are not provided)	EX	----	○

Specifications are subject to change without notice.

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