

Porosity-B & Porosity-G Modules

Valmet Paper Lab

Porosity is one of the key values for determining paper printability. Porosity-B and Porosity-G are separate independent modules having very similar module construction.

Porosity-Bendtsen module measures the air flow through paper and reports the result in Bendtsen porosity (ml/min).

Measurement according to standards SCAN-P60, ISO 5636-3, Related standards: TAPPI T460, DIN 53120-1.

Porosity-Gurley module measures the air permeability of paper and reports the result in Gurley porosity ($\mu\text{m}/\text{Pas}$ or $\text{sec}/100 \text{ ml}$).

Measurement according to standards ISO 5636-5, TAPPI T460, JIS P 8117. Related standards: ASTM D726, APPITA AS 1301-420, CPPA D.14, BS 5926.



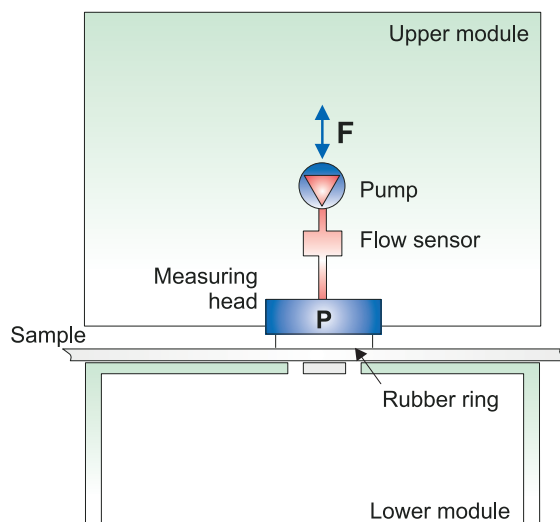
Benefits for the papermaker

Wide measuring range

Fast, automatic measurement of paper porosity values

Accurate profile information

Technical data - Porosity-B	
Size (cells)	2
Weight	upper module 3.5 kg (7.7 lbs) lower module 2.3 kg (5.1 lbs)
Measuring range	
- Porosity-B [ml/min]	5-3000
Meas. head diameter	35.7 mm (1.41")
Measuring pressure	14.68 mbar (1.468 kPa, 0.213 psi)
Technical data - Porosity-G	
Size (cells)	2
Weight	upper module 3.5 kg (7.7 lbs) lower module 2.3 kg (5.1 lbs)
Measuring range	
- Porosity-G [$\mu\text{m}/\text{Pas}$]	0.20-50
- Porosity-G [s/100 ml]	2.5-650
Meas. head diameter	28.7 mm (1.13")
Measuring pressure	12.2 mbar (1.22 kPa, 0.177 psi)



For more information, contact your local Valmet office. www.valmet.com

Specifications in this document are subject to change without notice.
Product names in this publication are all trademarks of Valmet Corporation.