

Porosity-S Module

Valmet Paper Lab

Porosity-Sheffield measurement is used in the North American paper industry.

The Porosity-Sheffield module clamps the sample in position and generates a pressure difference between the measuring head and backing. Measuring head diameters are 0.75" and 1.5". The module then measures the air flow through the paper, and reports the result in Sheffield units (S.U.).

Measurement according to standard TAPPI T547.
Related standard: ISO 5636-4.



Benefits for the papermaker

Accurate standardized measurement of paper porosity

Technical data

| | |
|---------------------|---|
| Size (cells) | 2 |
| Weight | upper module 5.0 kg (11 lbs) lower module 2.0 kg (4.4 lbs) |
| Measuring range | |
| - Porosity-S [S.U.] | 2–375 |

