

# Smoothness-S Module

## Valmet Paper Lab

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

Smoothness-S module clamps the sample in position and generates a pressure difference between the measuring head and surrounding air. The module measures the air flow between the measuring head and sample, caused by the roughness of paper surface. Both sides of the sample are measured.

Measurement according to standard TAPPI T538.  
Related standards: ISO 8791-3, CPPA D.29.



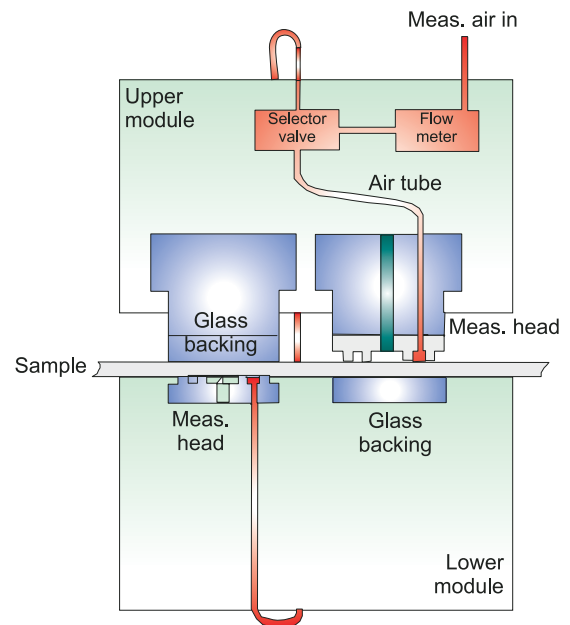
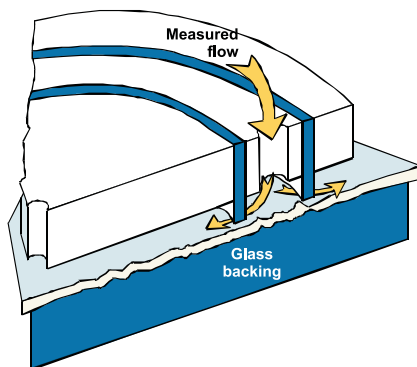
### Benefits for the papermaker

Simultaneous measurement of the top and bottom sides of sample

Fast, accurate measurement

### Technical data

Size (cells)	2
Weight	upper module 7.7 kg (16.9 lbs)
	lower module 2.3 kg (5.1 lbs)
Measuring range	
- Smoothness-S [S.U.]	2–375



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