

Smoothness-PPS Module

Valmet Paper Lab

Smoothness-PPS (Parker Print Surf) gives valuable information of printability and is used for paper grades with high-quality surface.

Smoothness-PPS module clamps the sample between a measuring head and backing, then compresses the sample against the backing up to three times (compression force 5, 10 or 20 kg/cm², or any combination of these). The air flow under the measuring ring, caused by the roughness of paper surface, is measured during each compression. The result is reported as PPS-smoothness, µm.

Measurement according to standards ISO 8791-4, TAPPI T555, DIN ISO 8791-4. Related standards: BS 6563.



Benefits for the papermaker

Simultaneous measurement of the top and bottom sides of sample

Fast, accurate measurement

Three selectable clamping pressures

Technical data

Size (cells)	2
Weight	upper module 4.1 kg (9 lbs)
	lower module 2.7 kg (5.9 lbs)
Measuring range	
- Smoothness-PPS [µm]	0.6–6.0

