

S-Test Module

Valmet Paper Lab

S-shape Short Compression Test (S-test) is important for medium fluting board makers, as it predicts crushing elasticity better than the CMT.

The S-test module cuts a test specimen (100 mm x 15 mm) from a sample and fastens it between two clamps, located 4 mm from each other with an offset of 1 mm. The module then pushes the clamps towards each other and measures compression strength. S-test index can be calculated when Basis Weight is known.

Measurement according to standard DIN 5014.



Benefits for the board maker

Fast, accurate measurement

Standard method, unique construction

Tool for quality and process control

Technical data

Size (cells)	3
Weight	upper module 7 kg (15.4 lbs)
	lower module 9 kg (19.8 lbs)
Measuring range	
- S-test strength	0–20 kN/m (BW 70–400 g/m ²)
Examples of reported properties:	
- S-test value	
- S-test index	

