

Tear module

Valmet Paper Lab

Tearing strength of paper indicates the efficiency of stock refining and blending.

Tear module utilizes a unique principle of measuring tearing strength from a single paper sheet. The module also calculates the tear index. It can be installed in either machine direction or cross direction.

Measurement according to standard ISO 18522. Related standards: TAPPI T414, CPPA D.9, APPITA P400, ASTM D689, ISO 1974, BS 4468, DIN EN 21974, JIS P 8116.

Benefits for the papermaker

Single sheet tearing strength evaluation

Fast, accurate, automated measurement

Suitable for automatic refiner and stock blending control

Technical data

Size (cells)	1
Weight	upper module (clamping) 2.4 kg (5.3 lbs)
	lower module (tearing) 2.4 kg (5.3 lbs)
Measuring range	
- Tear strength	10–10,000 mN

