

Burst L board module

Valmet Paper Lab

Board bursting strength is an essential quality control measurement used in the board industry and applicable to all types of board, including corrugated and solid fiberboard. This test measures the maximum pressure that a board sample can withstand before it bursts.



The Burst module clamps the sample between measuring head and lower module, and pressure is generated in a chamber under the sample. A rubber diaphragm on top of the module expands and stretches the sample until bursting. Pressure at the moment of bursting is measured and the result is reported in kilopascals (kPa).

Results from the module: standard bursting strength, bursting strength adjusted to compensate for the stiffness of the diaphragm, burst index and burst energy absorption BEA (J/m^2).

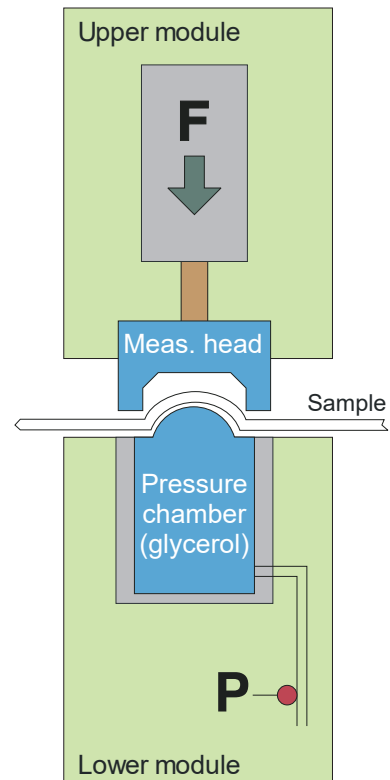
Measurement according to standards ISO 2759, TAPPI T807, TAPPI T810.

Benefits for the boardmaker

- Fast measurement of board strength
- Very wide measurement range
- Can be installed to measure either top or bottom side of sample
- Board Burst with corresponding standards and range

Technical data

Size (cells)	4
Weight	upper module 10.1 kg (22.3 lbs) lower module 6.7 kg (14.8 lbs)
Measuring range	
- Burst [kPa]	100–5500
- Burst [psi]	13–725



For more information, contact your local Valmet office. www.valmet.com

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