

SCT-L Module

Valmet Paper Lab

Compression test (SCT) is very important for board makers, especially manufacturers of packaging board grades.

The SCT module cuts a test specimen (100 mm x 15 mm) from a sample and clamps it between two clamps, located 0.7 mm from each other. The module then pushes the clamps towards each other and measures compression strength. Compression strength index can be calculated when Basis Weight is known.

Measurement according to standards: ISO 9895, TAPPI T826, DIN 54518.



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 | |
| - Compression strength (BW 90–400 g/m ²) | 0–20 kN/m |
| Examples of reported properties: | |
| - Compression strength | |
| - Compressibility index | |
| - Compression strength ratio (CD/MD) | |

