

SHORT SPAN

The SS-21 determines the short span compression strength of papers (SCT) for quality control and R&D testing tasks.

The SCT is a key characteristic for liner and fluting manufacturers as it influences strongly the stackability of a corrugated box.

This equipment is absolutely user friendly and reliable due to its built-in exclusive simple intuitive testing software as well to its rugged and accurate mechanical construction.

It offers complete statistical analysis, a parallel port for the connection of a local printer and a RS-232 serial port for the connection to a host computer for data transfer.

Applications:

- Edgewise compression strength affects the stacking strength of a finished box
- Summation of compression strengths of the components correlate highly with combined board compressive strength
- By optimising the compression strength of the liners and the fluting, it is possible to make boxes with the same strength using less fibers



Features

- Pneumatic clamps with built-in sample detection ensure an easy, safe and comfortable operation
- Clamps design prevent operator from touching the sample in the testing area
- Statistical analysis can be printed out



Cardboard, Packaging, Paper

Physical specifications

Dimensions

62 x 55 x 31 cm (WxLxH)

Net Weight

60 kg

Options

Precision sample cutter model 2G-15 15 x300mm

Standards

ISO 9895, DIN 54518, SCAN P46, TAPPI T-826, BS 7325

Performance data

Measuring range

0 - 300 N

Resolution

0.1 N

Selectable load units

N and kgf

Test speed (programmable)

3 ± 1 mm/min

Return speed

300 mm/min

Pneumatic clamps

30 x 15 mm

Clamping pressure (adjustable)

2300 ± 500 N

Aperture between pneumatic clamps

0.7 mm

Test span

0.5 mm

Power supply

220V, 50Hz, single phase, 150 W

Air pressure

6 bar

“Partners in Quality”