

Short Span Compression Tester

RL-SSC-A

The RL-SSC-A Short Span Compression Tester is used for measuring the compression strength of paper and paperboard samples. The test is run using a 15 mm width strip and the sample is compressed until failure.

Test Overview:

The sample is placed into the open clamps. By pressing the start-button the clamps close and move together with a speed of 3 +/- 0.1 mm/min. The curve is displayed and as soon the break is detected, the value is shown on the touchscreen. After several tests the statistic values and the ratio between MD and CD are displayed. A sample feeder option is available, which moves the sample strip approximately 3 cm after each test and allows several tests on one strip.

Results:

- SSV (Short Span Value) in kN/m
- Fmax (Maximum force) in N
- CI (Compression Index) in Nm/g

Applicable Standards

- ISO 9895
- TAPPI T826
- SCAN P46
- DIN 54518
- BS 7325
- Appita/AS 1301.450



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SPECIFICATIONS

- Pneumatic sample clamp
- Adjustable test speed
- Ratio calculation between MD and CD
- Range:
1 – 500 n equal to 0,06 – 33,3 kN/m
- Sample width: 15 mm
- Span of clamps: 0.7 mm
- Short Span value (SSV) in KN/m
- SCT curve, SCT value and SCT index
- Clamping pressure:
2300 +/- 50 N (adjustable)
- Net Dimensions (W x D x H):
450 x 520 x 360 mm
Gross Dimensions (W x D x H):
600 x 650 x 500 mm
- Weight: 22 Kg (net) 35 Kg (gross)
- Electricity: 110-230 V, 50-60 Hz AC
- Air: 600 kPa

