

Short Span Compression Tester

SCT-21

The SCT-21 determines the short span compression strength of papers for quality control (QC) and research and development (R&D) testing tasks. This property is a key characteristic for liner and fluting manufacturers as it influences strongly the stackability of a corrugated box.

The new and modern design, associated to the use of light and resistant materials, offers a friendly and secure operation to the user. The exclusive interactive and intuitive software offers options to complete or basic test. The software enables complete program for compression test with option for statistical and respective resistance and index calculation.

During the test the wide LCD display shows a graphic of the evolution of the test and after its conclusion indicates automatically the maximum strength of the tested material.

This can also connect using the RS232 serial port for interface with PC, thermal printer, memory for automatic storage of the last 500 results and search function by date, operator or material.

Pneumatic clamps with built-in sample detection ensure an easy, safe and comfortable operation, preventing the slippage of the sample during tests and minimizing the risk of human errors. Clamps design prevent operator from touching the sample in the testing area.

Maximum Capacity: 400 N / 40 kgf

Resolution: 0,1 N / 0,01 kgf / 0,01 lbf

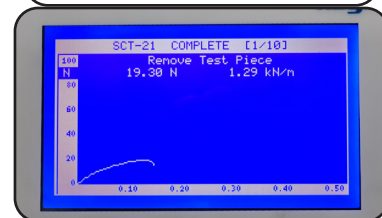
Testing Speed: 3 ± 1 mm/min

Selectable Testing Units: N, kgf and lbf

Pneumatic Clamps: 30 x 15 mm

Clamping Force (adjustable): 2300 ± 500 N

Aperture Between Pneumatic Clamps: 0.7 mm



SPECIFICATIONS

- Power Supply:
110 V - 220 V - 50/60 Hz
single phase, 200 W
- Air Supply:
6 bar, instrument quality
- Dimensions (W x L x H):
400 x 550 x 400 mm
- Weight: 22 kg
- Industry Standards:
ISO 9895
TAPPI T826



Thwing-Albert
Instrument Company



TA040125

thwingalbert.com