

Short Span Compression Tester

**MODEL
17 - 36**



Compression strength

The 17-36 Short Span Compression Tester measures the compression strength of paper and board. The distance or free span can be set from 0.3 - 0.7mm (steps of 0.1). When performing a compression test on such a short distance the stability of the clamps and instrument is very important. The 17-36 Short Span directs all the forces of the clamped sample to the load cell, making it one of the most accurate instrument available on the market.

Test results

Edgewise compressive strength also referred to as Short Span Compression (SCT) was developed in 1980 as an improved method to measure buckling and compressive failures of paper and board. Short Span Compression is considered an important property and can be used to predict the performance of container board used in the manufacture of corrugated boxes.

Features

- Compact and modern design
- Automatic clamping of sample
- Touch screen
- Intuitive user interface
- Unique clamping mechanism
- Statistical information
- GraphMasterPro™ compatible
- Serial printer output

International Standards

- ISO 9895
- TAPPI T-826
- DIN 54518
- SCAN P46
- AS/NZ 1301.4SO RP
- BS 7325

Is your required standard not here? Ask us



**Taking care
of quality**



Improved measuring system

The new Load Cell interface provides higher resolutions, resulting in higher accuracy and better reproducibility.



User Interface

The graphical buttons, on the 7" touchscreen, allows easy selection and setting of test parameters, making navigating quick and intuitive.



Unique clamping mechanism

The clamps are mounted on special, low friction gliders. Long term precision and parallelism are assured by a self-alignment mechanism.



Compact and modern design

The design is modern and compact. The start button is located next to the clamp, making testing quick and easy.



Precision Sample Cutter (optional)

Reduce the test variability using this high precision Sample Cutter. The cutter can be supplied as a 1/2 inch width version or 15mm width.



GraphMasterPro™ (optional)

GraphMasterPro™ is a PC data collection program capable of providing curve analysis and data storage. GraphMasterPro can also be used to control the instrument.

Specifications

Model	17-36 Series
Measuring units	N, kN/m, Lb and Lb/inch
Load cell range	250N or 500 N
Accuracy	less than 1% of reading
Test speed mov. Jaw	3mm/min ± 1mm/min.
Adjustable span	0.3 – 0.7 mm (steps 0.1)
Span accuracy	0.05 mm
Language	multiple available

Installation requirements

Electrical	100 V-230VAC 50/60 Hz
	28 Watt
Air	600 kPa (instrument quality)
Dimensions	430 x 420 x 195mm (LxWxH), 33kg
	17 x 16.5 x 8 inch (LxWxH), 73 lbs

Connections

RS 232, Mini USB, Footswitch connector

Optional/ accessories

GraphMasterPro™, Cutter, footswitch