



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 span or gap is set to a distance between 0.3-0.7mm. When performing a compression test on such a short distance, the stability of the clamps and instrument are critical. The 17-36 Short Span Compression tester incorporates a precision mechanical design to reduce frictional errors, providing unmatched accuracy and repeatability.

TEST RESULTS

SCT-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. A 15 mm wide sample is placed between two air operated clamps and compressed. The maximum compressive strength is reported in Kilonewtons per meter.

FEATURES

- New 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



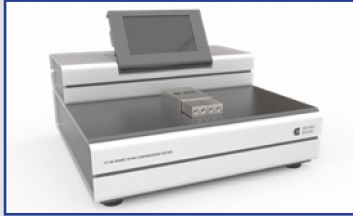
The new load cell interface provides higher accuracy and better reproducibility. The graphical buttons, on the 7" touchscreen, allows easy selection and setting of test parameters. This makes navigating quick and intuitive.



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

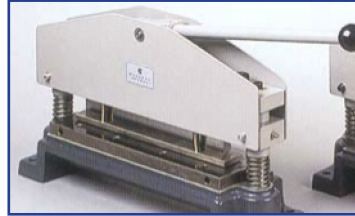
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Compact and Modern Design

The new design is modern and compact. Beginning the test is easily done by pushing the START button on the top cover plate or using the START touch button on the touchscreen.



Precision Sample Cutter

Reduce test result variability by using Model 22-25 precision sample cutter. Designed to prepare a 15-mm sample. Engineered to assure operator safety and to prepare high precision test samples.



GraphMasterPro (Optional)

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

SPECIFICATIONS	
Model	17-36 Series
Measuring Units	N, kN/m, Lb and Lb/inch
Load Cell Range	500N or 250 N
Accuracy	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 195 mm (LxWxH)
Connections	RS 232, Mini USB, footswitch connector
Optional/Accessories	GraphMasterPro, 22-25 sample cutter, footswitch



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