

COMPRESSION TESTER 17-76



FEATURES

- Load Capacity 1000 LB (4448 N)
- Platen size 7 x 7 in (178 x 178 mm)
- Test speed 0.2- 20 in/min (5.08-508 mm/min)
- Return speed 10 in/min (254 mm/min)
- Color LCD Display
- Menu-driven software
- Test results and statistics are displayed on a large high contrast color LCD screen
- Preset keys for all relevant tests
- Automatic fast return platen saves testing time
- Multi-language programmed- 7 languages
- 8 Corrugated Test Methods for quick access
- Measuring units include: N, N/m², lb, lb/in², kg, or kg/m²
- RS232C serial data output
- Built-in Printer

Designed in close cooperation with industry, the Model 17-76 Compression Tester is rugged enough for any production testing environment. The TMI Compression Tester is designed to provide highly accurate measurement of compressive strength for a variety of materials.

Microprocessor control and operator friendly software makes the Model 17-76 simple to operate. A new Servo Motor design provides closed loop feedback for accurate and repeatable position control. Ergonomic control layout maximizes the testing sequence while minimizing sample testing errors resulting in incorrect data. The instrument meets or exceeds all International Testing standards for accuracy, precision, and parallelism.

System Software includes 8 Corrugated Test Methods for quick access including: RCT, CCT, ECT, CMT, FCT, PAT, CLT and SQT- score test which calculates Score Ratio of scored verses unscored

samples. Test Methods can be created by the operator and stored for future reference to simplify test set up. Other compression methods include Peak Force, Peak Height and Stack Load.

APPLICATIONS

Corrugated
Tubes and Cores
Bottles and Cans
Flexible Packaging
Plastic Products
Building Products

OPTIONAL OPENINGS

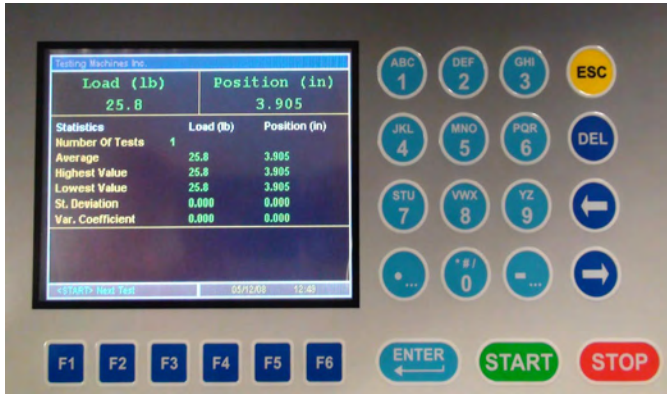
8, 16 and 24 inch

OPTIONAL ACCESSORIES

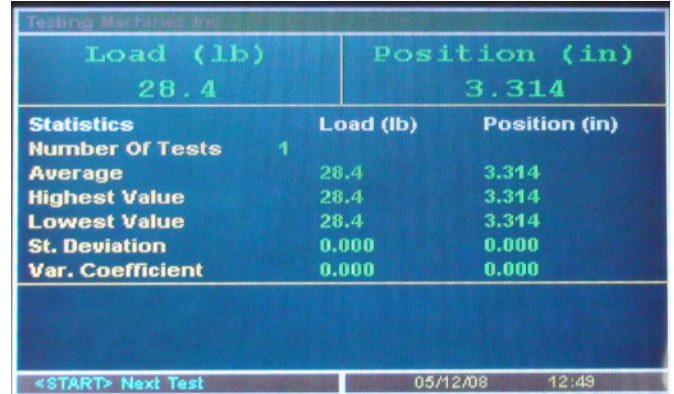
Sample holders for RCT, CCT, ECT and SQT
Model 22-47 Sample Cutter
Model 22-22 Sample Cutter

COMPRESSION TESTER 17-76

SOFTWARE



▲ Intuitive Software design and touch panel allows simple test operation.

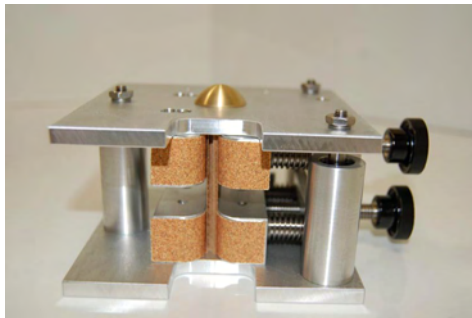


▲ Test screen automatically provides result data and statistics after each test.

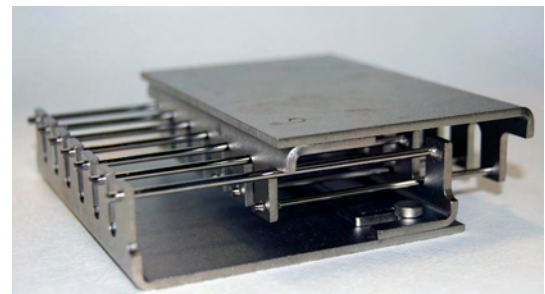
OPTIONAL ACCESSORIES



▲ RCT- Ring Crush holder with disks 17-11-13



▲ Edge Crush Tester 17-11-49



▲ PAT-Pin Adhesion Attachment 17-11-09

INSTRUMENT MEETS

RCT test	APPITA/AS 1301.407s, DIN 53134, ISO 12192, SCAN P34, TAPPI T 822
CMT test	APPITA/AS 1301.434s, ISO 7263, DIN 53134, SCAN P27, TAPPI T809
CCT test	SCAN P42, TAPPI T 843
PAT test	APPITA/AS 1301.430s, TAPPI T 821, FEFCO No. 11
ECT test	APPITA/AS 1301.444s, ISO 3037, ISO 13821, DIN 53149, SCAN P33, TAPPI T 811, TAPPI T 823, TAPPI T 838, TAPPI T 839, FEFCO No. 8
FCT test	PPITA/AS 1301.429s, EN 23035, ISO 3035, SCAN P32, TAPPI T 825, FEFCO No. 6
ASQT test	TAPPI T 829

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SPECIFICATIONS

Model	17-76-00-0001
Ranges	
Measuring range	0 – 1000 lb (0- 4448 Newton)
Load Cells	500 lb, 1000 lb (2250 N, 4448 N)
Accuracy	± .5 % of reading
Stroke length	8 in (203 mm) optional 16 in (406 mm) or 24 in (610 mm)
Measuring units	N, N/m ² , lb, lb/in ² , kg or kg/m ²

Speed

Test Speed	0.2 - 20 in/min (5.08 -508 mm/min)
Return Speed	10 in/min (254 mm/min)

Platen Size

Upper platen	7 x 7 in (178 x 178 mm)
Lower platen	7 x 7 in (178 x 178 mm)

Statistics Display

- Number of tests
- Highest value
- Lowest value
- Average
- Standard deviation
- Variation coefficient
- Max. number of tests : 100 (in one test series)

Machine Requirements

Power	120V/220Volt 50Hz/60Hz
Safety Features	Overload protection: Electronically at 100% of measuring range during test. Overload protection: 100 N during travel upwards lower platen
Connections	RS232C output, Built-in Printer
Internal languages	English - Dutch - German - French Spanish - Finnish – Italian (special languages on request)

Physical Specifications

W x D x H	17 in x 21.5 in x 28 in (43 cm x 55 cm x 71 cm)
Weight	149 lbs (68 kg)

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