

Horizontal Tensile Tester

MODEL 84-56



Insert your sample and test

The Horizontal Tensile Tester tests the tensile strength and elongation of a sample. After placing the sample the sensor detects the sample and the test starts. Special guides are supplied to center the sample correctly. The guides can be replaced when another test width is required. The wide workbench enables you to easily perform your tests. The auto detect option leaves your hands free to slide in your sample. The touchscreen has clear buttons makes navigation quick and easily. As an option, the instrument can be adapted for wet test according to ISO 12625-5.

Test results

After the tests the values are shown in a graph and in statistical values. The main results are force, strain, T.E.A, elongation and force, and there is a wide range of other results. The instrument is equipped with an overload protection and can be supplied with a 50, 100, 250, 500 or 1,000N load cell.

Features

- Sample with of 15, 25, 50 and 75mm or ½", 1", 2" and 3" test width
- Test speed 10-200mm/min (0,2-0,8 inch/min)
- Sample length 50 – 180mm
- Wet test options
- Load cell ranges: 50, 100, 250, 500 or 1,000N
- Auto detect of sample

International Standards

- ISO 12625-4, ISO 12625-5 wet test
- TAPPI T 494
- AS/NZ 1301.448
- BS EN ISO 1924-2/3
- DIN 53112
- SCAN P38, JIS P8113, CPPA D34

Is your required standard not here? Ask us



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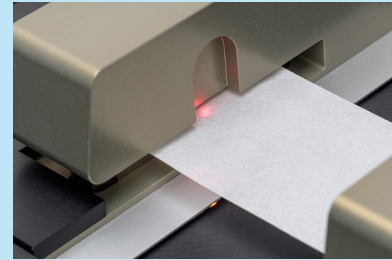
Wide working bench

Sorting your samples on the same height as your test area makes life easy. After sorting you slide the sample under the clamp and the test starts.



Sample guides

The clamp allows handling test pieces up to 75mm (3 inch). Magnetic blocks are fitted making aligning of different samples sizes easy.



Auto-detect of sample

It is easiest to slide in the sample using both hands. The instrument helps you to start the test, because the sensor recognizes the sample, which starts the tests.



Special clamps

Special grips are used to ensure grip and to avoid weakening the sample. We even use dedicated grips for soft samples.



Wet test option

Optionally the wet test function can be supplied according to ISO 12625-5. The wet test option allows the operator to select the soaking time in seconds.



Precision sample cutter

Reduce the test variability using this high precision Sample Cutter. The cutter can be supplied in different width versions. 15, 25, 50mm, ½ inch and 1 inch.

Specifications

Model	84-56 Series
Accuracy	0.5% of full range, or within 0.5N whichever is greater
Test speed	10 – 200mm/min (0.2 – 0.8 in/min)
Sample length	50 – 180 mm (0.04 – 7 inch)
Sample width	15, 25, 50, 75mm 0.5, 1, 2, 3 inch
Language	Several available including Chinese

Installation requirements

Electrical	100 V/60 Hz or 240V/50 Hz
Air	600 kPa
Dimensions	800 x 500 x 300 mm (LxWxH) (31.5 x 19.7 x 11.8 in)
Weight	45 kg (100 lb.)

Output

RS 232, USB and Printer connection

Optional/ accessories

GraphMaster Pro Software, Cutter