ANDILOG TECHNOLOGIES

Your force specialist for more than 20 years

AB CERTIFICATION ISO 9001:2000 Certified

SPRINGTEST 2

High accuracy manual spring tester

A system specially designed for high-precision measurements of compression springs. With its high reduction ratio, this manually operated test stand is well suited to measurement of small springs with low force levels. The displacement sensor gives a measurement of the flexion or height measured under adjustable limit stops. The measurement display shows the force and the displacement simultaneously and plots the graph curve for the spring. These data can be exported via the RS232 output on the display unit. The parallelism of the lower plate can be adjusted to ensure correct seating of the spring.

Technical characteristics

- Simultaneous readings on 2 channel
- Accuracy 0.1% FS
- Resolution 1/10,000 of the full scale
- Peak function for tension and compression
- Simultaneous display of the peak and the current reading
- Display of the Force/Displacement graph
- Memorization of the last graph curve measured
- Bar graph
- 5 units available: N, kg, Lbs, g, Oz
- Sampling rate 1 000 Hertz
- Can be used with a pedal
- Tare function, separate on each channel
- Automatic tare possible at the beginning of the graph curve
- Auto-off adjustable from 5 to 15 min, can be deactivated
- Programmable set point functions for each channel
- Full two-way RS232 output
- Running transmission of 25 value pairs per second
- Possibility of transmitting the graph curve memorized
- Digimatic output
- Memorization of 2 configurations
- Protection function (blocking) for the current configuration
- Automatic recognition of additional force or torque sensors
- Recognition of incremental displacement sensors (angular encoders or linear rulers)
- Reversible display
- Backlit display
- Sensor protected from overloads up to 200% of its capacity
- Operates on rechargeable batteries

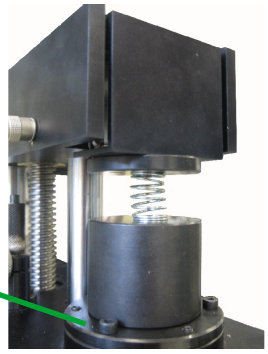
Package contents

- Manual test stand with high reduction ration for compression test on small spring
- Force gauge Centor Dual in tabletop version to display force and deflection
- High accuracy linear encoder
- Top compression plate diameter 50mm
- Bottom self-aligning plate diameter 70mm

Models and capacities

Models	Capacity	Accuracy	Force resolution	Travel	Travel resolution
Springtest 2-10	0 - 10N	0.01 N	0.001 N	100 mm	0.005mm
Springtest 2-25	0 - 25N	0.02 N	0.002 N	100 mm	0.005 mm
Springtest 2-50	0 - 25N	0.05 N	0.005 N	100 mm	0.005 mm

Self-aligning plate Plateau to guarranty good compression test



ANDILOG TECHNOLOGIES - 1 Rue Marcel Paul, 91300 MASSY, FRANCE
info@andilog.com Tel: 0820-888-202 Fax: 0820-888-902