



AUTOMATIC SPRING TESTER For Online And Offline Testing Of Springs



STM-01
Capacity 1 KG



STM-25
Capacity 25 KG



STM-300
Capacity 300 KG



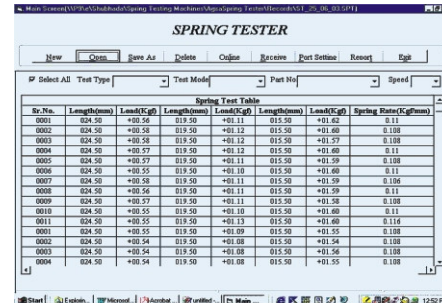
STM-1000
Capacity 1000 KG

Features ▾

- Drive Mechanism : Ball screw driven by variable speed drive for zero backlash and excellent length accuracy.
- Testing Area : Dual space i.e. above and below moving crosshead.
- OUTPUT : RS 232 for PC Communication.
- Software : User friendly windows based software for Data storage, retrieval and analysis.
- Test Capability : Load test with Length input, Length Test with Load as input Spring rate, Free Length.
- 3 Step Test Method : Tests load v/s Deflection values at 3 programmed heights / loads.
- Safety : Emergency Stop. Over Travel Protection. Overload Protection.
- Accessories : Grips for tension measurement Compression Test Fixture, Hooks.
- Group testing : Enables user to program for 10 different groups and select the group as per the component to be tested.
- Programming : By standard full featured 4 X 4 keyboard.
- Display : 20 X 4 character LCD display.
- Control Mechanism : Micro Controller based with inbuilt 30 KB memory storage facility.

Kalpak Spring Testing Software ▾

Kalpak Spring testing Software is Windows based user-friendly software. enables measurement of load and length as well as calculation of free height, deflection at preset length Load at preset length, Spring Rate. The Test screen displays test results in Tabular and graphical formats. The software enables easy access to past results.



Computerized Spring Tester



STM-300-C
Capacity 300 KG



STM-1000-C
Capacity 1000 KG

- Control Mechanism and Programming: Through PC
- Drive Mechanism: Ball Screws driven by AC servo Motor and AC servo Drive
- Testing Area: Dual Space i.e. below and above crosshead
- Output: Test Parameters displayed on PC Monitor & reports on printer
- Software: Kalpak STM-TEST-C Software for Machine Control, data acquisition and data analysis
- Test Capability: Load test with Length input, Length test with Load input, Spring Rate, free Length
- 5 Step test Method: Tests Load versus deflection values at five programmed heights/loads
- Safety: Emergency Stop, Over Travel Protection, Overload Protection
- Accessories: Grips & fixtures for tension & compression springs
- Group testing : Unlimited group setting facility

Torsion Spring Tester



Computerized Torsion Spring Tester
Capacity up to 2000 NM



Motorised Torsion Spring Tester
Capacity up to 2000 NM



Manual Torsion Spring Tester
Capacity up to 100 NM



Automatic Torsion Spring Tester
Capacity up to 100 NM

- Features ▶
 - Choice of Models: Computerized/ Motorized/ Manual
 - Interchangeable Torque cartridges
- Accurate Torque/ Angle Measurement
 - Accuracy: Better than +/-0.5% of the reading

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