

Universal Testing Machine for Springs

Pacorr is a Universal Testing Machine for Springs manufacturer and supplier in India, offering the PCUTM-SP-1500H for compression, tension, load-deflection and spring-rate testing. With a maximum capacity of 1500 kgf, the machine helps manufacturers and quality-control laboratories evaluate spring performance against specified requirements.

Specification

- Model: PCUTM-SP-1500H.
- Machine Type: Double-column, floor-mounted Universal Testing Machine.
- Application: Spring compression, tension, load-deflection and spring-rate testing.
- Maximum Capacity: 1500 kgf, approximately 14.71 kN.
- Nominal Load Range: 0–1500 kgf.
- Load Cell: Precision load cell, 1500 kgf capacity.
- Force Accuracy: $\pm 1\%$ of full scale.

Construction: Powder-coated mild steel.



Model: PCUTM-SP-150

Key Features

- Compression and tension testing of compatible springs.
- Load measurement at specified deflection.
- Deflection measurement at specified load.
- Automatic spring-rate calculation in N/mm or kgf/mm.
- Peak-load detection and display.
- Real-time load-deflection curve on the HMI.
- Multiple programmable load and deflection test points.
- Programmable preload and hold time.
- Pass/fail evaluation against upper and lower limits.
- Automatic return to the home position after testing.
- Test-result storage in PLC/HMI memory.
- USB export of test results.

Our Valuable Customer



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