

# COMPUTERISED SPRING TESTER

## PRODUCT DATASHEET



### SPRING FORCE & DEFLECTION MEASUREMENT

The Jragrau Computerised Spring Tester is an automatic testing system designed for precise measurement of spring force and deflection in both compression and tension modes. Equipped with servo-driven force application and advanced software, it ensures repeatable, high-accuracy results for laboratory, R&D, and industrial quality control applications.

### KEY FEATURES

- Computer-controlled servo force application
- High-resolution force and deflection measurement
- Graphical, tabular data and report generation

### APPLICATIONS

- Spring force and deflection testing
- R&D and quality control laboratories
- Industrial production testing

### TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Type	Universal (Compression & Tension Mode)
Capacity	10, 50, 100, 200, 500, 1000 & 2000 N
Maximum Deflection	300 mm
Uncertainty	$\pm 0.5\%$ of reading ( $\pm 1\%$ in universal model)
Resolution	1/100000 & 0.001 mm
Measuring Units	Newton, kgf, lbf
Display	Force & Deflection

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### PHYSICAL & BUILD

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- Rigid mechanical structure for stability
- Designed for continuous laboratory use

**Accessories:** Compression pads & tension hooks

### POWER & CONTROL

LABEL	VALUE
Power Supply	220 VAC $\pm$ 10% @ 50 Hz
Control System	Windows-based user-friendly software