

# CRIMPING FORCE TESTER

## PRODUCT DATASHEET



### PRECISION CRIMPING FORCE MEASUREMENT

The JRAGRAU Crimping Force Tester is designed for accurate measurement of crimping forces in electrical and mechanical assembly processes. Driven by a servo motor and equipped with a high-resolution touch screen interface, the system provides reliable peak and tracking load data for quality assurance, process validation, and production testing.

### KEY FEATURES

- Servo motor driven loading system
- High accuracy force measurement with peak and track load indication
- Touch screen based user interface

### APPLICATIONS

- Electrical wire harness crimp testing
- Connector and terminal crimp validation
- Production quality control testing

### TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Capacity	50, 100 & 200 kg
Least Count	10 grams
Accuracy	±0.5% of reading
Loading Method	Servo motor driven
Display	4 inch touch screen
Indication	Peak load, track load, speed & overload indication
Power Supply	230 VAC @ 50 Hz ±10%
Machine Size	600 × 300 × 150 mm (L × W × H)

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### PHYSICAL & BUILD

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- Rigid mechanical construction for stable testing
- Compact tabletop design
- Industrial-grade components for long-term use

**Calibration:** Calibration from NABL approved laboratory

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**Warranty:** 1 year

### ELECTRICAL REQUIREMENTS

VALUE	LABEL
230 VAC	Operating Voltage
50 Hz $\pm$ 10%	Frequency