COMPUTERISED TENSILE TESTING MACHINE

PRODUCT DATASHEET

PRECISION TENSION TESTING

The Jragrau Computerized Tensile Testing Machine is designed for accurate measurement of tensile strength, elongation, and material behavior under controlled loading conditions. Equipped with computer-based control and data acquisition, it delivers precise, repeatable results for quality control, research, and industrial testing applications.

KEY FEATURES

- Computer controlled testing with graphical data display
- High accuracy load measurement with safety protections
- User-friendly software for test analysis and reporting

APPLICATIONS

- Material tensile strength testing
- Quality control laboratories
- R&D and academic institutions

TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Type	Computerised
Capacity	10, 20, 50, 100, 250, 500 & 1000 kgf
Resolution	1 / 10000
Accuracy	±0.5% of test value (at 10–100%)
Elongation	750 mm
Least Count	0.1 mm
Traverse Speed	1 to 500 mm/min (variable)

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PHYSICAL & BUILD

- Rigid frame construction for stable testing
- Precision guided columns for smooth operation

Grip Separation: Min. 25 mm / Max. 750 mm

Attachment: 01 set of grips

POWER & CONTROL

LABEL	VALUE
Power Supply	230 VAC ±10%, 50 Hz
Control	UP, DOWN, STOP & Speed through computer and control panel
Overload Safety	Automatic cut-off at 95% of capacity

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