

KEY TORQUE MEASURING SYSTEM

PRODUCT DATASHEET



PRECISION CLOCKWISE & COUNTER-CLOCKWISE TORQUE MEASUREMENT

The Jragrau Key Torque Measuring System is designed for precise measurement of clockwise and counter-clockwise torque in laboratory and production environments. Built with a strain gauge based sensing system and a rugged mechanical structure, it delivers repeatable and reliable torque readings for calibration, quality assurance, and industrial testing applications.

KEY FEATURES

- Strain gauge based torque sensing
- High measurement accuracy and repeatability
- Clockwise and counter-clockwise torque measurement

APPLICATIONS

- Torque wrench calibration
- Quality control laboratories
- Production torque verification

TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Capacity	30 kgf·cm
Resolution	0.01 kgf·cm
Accuracy	±1% of reading
Display	5-digit microcontroller based 16×1 LCD with backlight

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PHYSICAL & BUILD

- Rigid mechanical construction for stable measurement
- Bench-mounted configuration for laboratory use
- Designed for long-term industrial operation

Enclosure: Powder coated aluminum body

POWER & CALIBRATION

VALUE	LABEL
230 VAC @ 50 Hz \pm 10%	Power Required
Manufacturer calibration certificate with NPL traceability (optional)	Calibration