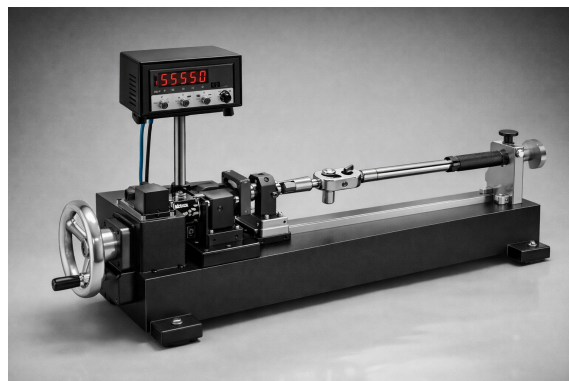


TORQUE WRENCH CALIBRATION SYSTEM

PRODUCT DATASHEET



PRECISION TORQUE MEASUREMENT & CALIBRATION

The Jragrau Torque Wrench Calibration System is a hand-operated calibration setup designed as per ISO 6789 standards. It enables accurate verification and calibration of torque wrenches across a wide torque range, ensuring dependable performance for quality control and metrology applications.

KEY FEATURES

- Hand-operated gearbox based torque loading mechanism
- High accuracy digital torque measurement system
- ISO 6789 compliant calibration setup

APPLICATIONS

- Torque wrench calibration laboratories
- Automotive and industrial tool verification
- Quality assurance and metrology departments

TECHNICAL SPECIFICATIONS

PARAMETER	METRIC (SI)
Capacity	2–20 Nm, 20–200 Nm, 200–2000 Nm
Least Count	0.001 Nm (20 Nm), 0.01 Nm (200 Nm), 0.1 Nm (2000 Nm)
Measuring Unit	Nm
Uncertainty	±0.5% of reading
Display	5 digit microcontroller based LED
Power Requirement	230 VAC ±10%, 50 Hz
Torque Applying Mechanism	Hand operated gearbox (Torque Loader)

TORQUE WRENCH CALIBRATION SYSTEM

PRODUCT DATASHEET

PHYSICAL & BUILD

- Rigid mechanical construction for stable calibration
- Powder coated sheet metal enclosure

Enclosure: Powder coated sheet metal body

Accessories: Adaptors: 1/4", 3/8", 1/2", 3/4", 1", 1½"

ELECTRICAL & DISPLAY SPECIFICATIONS

LABEL	VALUE
Sensor Configuration	3 sensors
Sensor Cable Length	3 meters
Digital Display Resolution	1/50,000
Digital Display Accuracy	±0.03%