
9500 Series Deadweight Torque Calibrator

The 9500 Series of deadweight torque calibrators are ideal for use in calibration and certification of all types of torque transducers and wrenches!



- **Apply a known load to audit and certify torque transducers and hand torque wrenches**
- **Design features precision and durability**
- **Bench-top mounting**

The 9500 Series Deadweight Torque Calibrators are ideal for calibrating and certifying torque transducers and hand torque wrenches. They are precise enough for the calibration laboratory and durable enough for the factory floor. All components are mounted on a heavy-duty base plate. On the 200 lb-ft capacity unit, the balanced and certified torque arm has machined slots for attaching weight hangers as needed to calibrate in the required engineering units. The 300, 500, and 1,000 lb-ft units use fixed weight hangers. The rugged gearbox is sized to assist the operator in bringing the torque arm into level position with ease. High quality bearings are used throughout to minimize the effects of friction. Weight sets and additional drive adapters are available at extra cost.

9500 Series Deadweight Torque Calibrators		
Part Number	Description	Capacity
109500-00101	Deadweight torque calibrator w/gear box, base plate, torque arm, one set of drive adapters, and weight hangers.	100 lb-ft (135.6 Nm)
109500-00201	Same as 109500-00101 w/increased capacity	200 lb-ft (271 Nm)
109501-00301	Same as 109500-00101 w/increased capacity	300 lb-ft (407 Nm)
109501-00501	Same as 109500-00101 w/increased capacity	500 lb-ft (678 Nm)
109502-00102	Same as 109500-00101 w/increased capacity	1000 lb-ft (1356 Nm)

OPTIONS

The torque calibrators may be ordered with the following options:

- Square drive adapter sets (male & female) in 1/4, 3/8, 1/2, 3/4 and 1 inch sizes.
- Class F slotted weights to suit your calibration requirements.
- RS Technologies transducer instrumentation for use in calibrating strain gage torque sensors.

Additional information on the 9500 Series Deadweight Torque Calibrators is available from:

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