Sizes available
TSD 10035 10,000 LB. FT.
TSD 20035 20,000 LB. FT.
TSD 40035 40,000 LB. FT.
TSD 50035 50,000 LB FT.
TSD 100035 100,000 LB.FT.

The Hydraulic Wrench Test and Calibration Systems combine space age accuracy with microprocessor technology and sophisticated torque cell design to offer simple, versatile, functional and accurate torque testing of all types of torquing devices.

The through-hole design torque cell allows for all forces to react within the cell structure, and the unique strain gauge pattern allows for the precise measurement of pure torque, canceling all other unwanted components.

The use of a stand and base mounting plate with an appropriate square socket top adapter and drive bar, renders the testing of reactive types of wrenches or multipliers an easy, safe and accurate task.

This set up allows the testing of hydraulic torque wrenches without stacks, bending moments and the unknown of bending type devices. This system is also easily adaptable to the testing of Pneumatic torque wrenches and/or torque multipliers.

The signal from the low profile through-hole precision torque cell is processed by the TSD 6500 or 1250, which is capable of reading out in lb.-ft., lbs.-in., N-M, etc., peak hold circuit allows for precision evaluation of click type or failure type devices with manual or auto reset.
10,000 psi self-contained hydraulic oil supply, housed in a robust custom built steel cabinet. Powers wrenches with a steady controlled input. When coupled with optional pressure standard it allows the operator to view torque to pressure information.

Available for all Systems:
TSD 3000-HT-ASSY  Includes Torq-Cal Software pre-loaded on Windows based computer. Allows the operator to archive data and generate certificates of calibration.

TSD 20035 HT (Complete System)
Complete 20,000 ft-lb Hydraulic Wrench Test System with automatic computer driven data management system and Hydraulic Pressure supply.

TORQUE ENGINEERING

Transducer Applications
Design for torque sensing systems for production and special application.

Torque Control Systems
Torque controlled pneumatic systems for production assembly of parts, single or multiple spindle applications.

Special Adapters
Design and fabrication of special sockets, tools, adapters and fixtures.

Torque Calibration
Torque wrench repair and calibration certified traceable to NIST.

Torque Calibration Systems
Ready to find solutions and provide you with the most accurate and durable equipment and services, traceable to the National Institute of Standards and Technology

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