

## Electromechanical Torsion Testing Machines for Wire Testing according to ISO 7800 Series LFM-T up to 20 Nm

The system accurately applies monotonic and multicycle torsion in conjunction with an adjustable static axial load.

Our LFM-T small torque torsion test system is a precision mechanical test system and the preferred solution for low torque testing of small wires in accordance with ISO 7800 and ASTM A938.

It integrates a compact electromechanical load frame with high responsive torque drive and powerful digital controls and application software to perform productive, reliable, and safe & easy testing of small wires subject to torque loading.

This tabletop unit incorporate high accurate torque transducer and digital torque angle measurement for accurate torque or angle measurement and closed-loop control in combination with high-resolution, high-speed digital controller PCS8000.

The Dion7 application software combines productive operation with flexible test- and data acquisition.

To ensure that perform your torque tests with the best possible accuracy this testing machine is available with five interchangeable torque sensors of 0.3 Nm, 1.5 Nm, 3 Nm, 6 Nm, 10 Nm and 20 Nm nominal torque.



### Torque Chuck Grips



These universal drill-type chuck grips provide rapid, keyless hand-tighten of your specimens and allows testing in clockwise or anti-clockwise direction. Short design combined with hardened and ground wear parts ensure high concentricity and long life.

High clamping forces are reached by the integrated worm gear at low effort with safe use thanks to automatic blocking of the worm gear even when in left-handed rotation.

The LFM-T series can be configured with a variety of grips and fixtures, extensometers, environmental chambers, high temperature furnaces, different software packages and other accessories to suite your specific testing needs.