FTY
Power Tool and Wrench Dynamic Tester
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Features
- Tool test: wrenches (electronic/digital, click), pneumatic, electric and battery tools, pulse tools (except impact wrenches)
- Statistical Process Control: Measurement of machine capability (Cm, Cmk) and X, R charts
- Test according to ISO 6789 and ISO 5393
- Fast and easy setup
- Click point auto detection feature for click wrenches
- Comparative test capability
- Mechanical wrench loader for torque wrenches
- External transducer connectivity for special tests
- Standalone programming or program with SQnet+ quality management software
- Joint editor for non-linear joints "multistep simulation"

"First test bench able to simulate the fastener in all conditions"
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- Enter the test parameters & run 40% faster than any other comparable bench on the market, today
- FTY reproduces real joint behavior
- Easy to service – “plug and play” brakes
- Fully customized in hardware, transducers configuration, statistical reports
- Robust design with minor maintenance compared to competitors

Benefits

Technical Data

Torque range
0.2 N·m ÷ 2000 N·m maximum
(the range depends from the transducers configuration)

Torque measurement accuracy
0.5% of the reading

Max tool speed
1100 rpm

Angle measurement accuracy
1° over 360°

Joint simulation range
15° to 360° (angle measured from 50% to 100% of the target torque)

Example of parametrization of a fastener to be simulated
**Compared test:**
Bench results are compared with tool results. Automatic communication or manual results entry.

**ISO 6789** test (torque wrench) and **ISO 5393** (power tools) for and extended test on the whole range of the tool under test.

**Statistical process control** (Cm-Cmk and control charts) with **SQnet+ software**.
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- **Tilt**

- **Up/down spindle support**

- **Motorized wheel**

- **External brake**

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