

Intelligent Torque Transducers

EYFST22NM

22Nm 3/8" Sq. Drive
Intelligent Torque Transducer



EYFST100NM

100Nm 1/2" Sq. Drive
Intelligent Torque Transducer



EYFST750NM

750Nm 3/4" Sq. Drive
Intelligent Torque Transducer



- Accurately certify any type of shut-off tool or hand wrench
- USB Plug 'n Play Technology (Auto ID's Transducer)
- Joint Simulator design accurately simulates clamp load
- Resolves friction issues inherent to conventional joint simulators



Can be used to
certify all types of
assembly tools

Take your calibration to new levels!

EYFST22NM / EYFST100NM / EYFST750NM

Intelligent Stationary Torque Transducer

- Torque Range
 - 22 Nm 3/8" Square Drive (EYFST22NM)
 - 100 Nm 1/2" Square Drive (EYFST100NM)
 - 750 Nm 3/4" Square Drive (EYFST750NM)
- USB Plug 'n Play Technology – Automatic Transducer Recognition
- **Accuracy Class: 0.1 % of F.S.R.**
- Smart Memory – Transducer Retains Settings
- Full Bridge Strain Gauge Based Torque Measurement
- 24 Bit Analog-to-Digital Converter (ADC)
- Powerful 32-Bit-CPU
- Robust, Built To Last Utilizing an Aluminum Housing and Double Ball Bearings
- User Selectable Bi-directional Measurement
- Simple PC Based Software
 - High Resolution: 5 Digits: 50.000 Nm
 - Data Acquisition with 2k/8k Samples/Second
 - Graphing: Torque vs. Time
 - Adjustable filter (10 to 2000 Hz)
 - Easily Export Graphs into Excel for Additional Manipulation
 - Quick export of raw torque data into Excel with Statistical Process Control Functionality
 - Torque Units: Nm, in. lbs., ft. lbs., in. oz., cNm, mNm
 - Supported Operating Systems: XP, Win 7, 8 & 10
- Ultra-Compact Size (L x H x W):
 - 22 Nm/100 Nm: 2 1/2" x 2 1/2" x 2 1/2"
 - 750 Nm: 3 5/8" x 3 5/8" x 4 3/4"
- Weight:
 - 22 Nm/100 Nm: 1.2 lbs
 - 750 Nm: 5.0 lbs
- Software & USB Cable Included



EYFJS22NM / EYFJS22NM-LEFT / EYFJS100NM / EYFJS100NM-LEFT / EYJS200NM / EYFJS400NM

Joint Simulator

- Torque Range
 - 22 Nm 3/8" Square Drive CW M8 Joint Simulator (EYFJS22NM)
 - 22 Nm 3/8" Square Drive CCW M8 Left Hand Thread Joint Simulator (EYFJS22NM-LEFT)
 - 100 Nm 1/2" Square Drive CW M12 Joint Simulator (EYFJS100NM)
 - 100 Nm 1/2" Square Drive CCW M12 Left Hand Thread Joint Simulator (EYFJS100NM-LEFT)
 - 200 Nm 3/4" Square Drive CW M16 Joint Simulator (EYFJS200NM)
 - 400 Nm 3/4" Square Drive CW M24 Joint Simulator (EYFJS400NM)
- Multiple cup washer sizes provide a more accurate simulation of clamp load
- Gearing structure resolves frictional issues inherent in conventional joint simulators
- Limited components better represents real world applications
- Cup washers are laser engraved for differentiating between sizes
- Lightweight joint simulator reduces issues with inertia and increases torque accuracy
- Heat treated stainless steel components ensure long life even in harsh environments
- Standard off the shelf bolts can easily be replaced
- Cup Washers are sized for specific working torque ranges
- Accurately certify any type of shut-off tool or hand wrench
- Minimal points of lubrication significantly reduces frictional changes during the rundown
- Grease Included

