

**AKO****Torque Specialties**

"The Standard by Which Torque is Calibrated"
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**ISO/IEC 17025:2017
Accredited**

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TSD1016 System Accessory

TSD1016 Torque Watch and Screwdriver Test System



- Rugged worm geared rotary actuator designed to precisely rotate a Torque Watch or Screwdriver to a defined torque value.
- Eliminates the diminishing effects of misalignment by ensuring the tool and transducer are always properly aligned.
- Capable of full rotation in both the clockwise and counterclockwise directions and able to maintain tool position even with torque applied.
- Can be mounted to a large variety of surfaces, including work benches, tool boxes, independent stands, and most AKO calibration systems.
- A wide variety of adapter plates are available to fit most any tool. Custom plates can be made available upon request.
- Built to A.K.O., Inc.'s high standard of accuracy and reliability ensuring a long and reliable operational life.

Operational Instructions

1. Insert an adapter plate that matches the profile of the tool under test into the TSD1016.
2. Insert the tool into the adapter and rotate the tool using the hand wheel until it aligns with the torque transducer below.
3. Seat the output drive of the tool into the transducer, using any adapters as required.
4. Apply torque to the tool by rotating it via the hand wheel.
5. Calibrate the tool normally using the TSD1016 to apply and relieve torque as required.

