

High-stiffness Torque Detector

TQ-2000 series

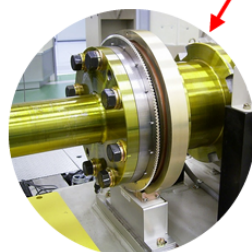
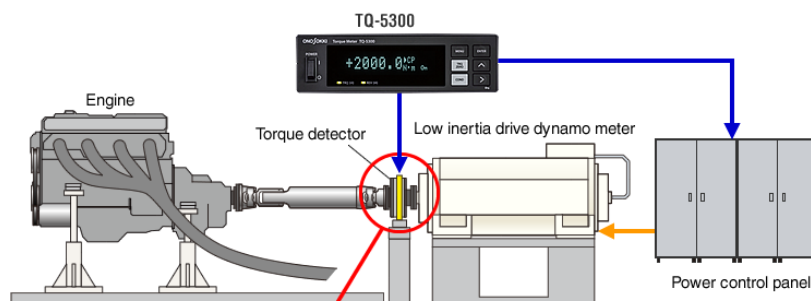
◆ Overview

The TQ-2000 series is the torque detector with high-stiffness and high-response to measure torque variation. 22,000 r/min of rotation can be measured as standard, 25,000 r/min as an option. Suitable for the torque test of EV/HEV drive motor which requires high-speed rotation measurement. High-speed torque data can be obtained in combination with the TQ-5300 Torque Meter.

◆ Features

- High-stiffness : High bending and torsional stiffness
- High rotation speed : 22,000 r/min (standard), 25,000 r/min (option)
- Long operating life : Non-contact signal transmission from the rotating section
- Slim & space-saving design : Easy mounting, easy maintenance

◆ Application example: Engine test bench



Slim flange type torque detector (TQ series) can be directly mounted to a rotating shaft. No required of dropping lubrication system.

