

TORQUE AND POWER MEASUREMENT SYSTEM

The Torque and Power Measurement System (TPMS) was developed to address the industry's need to have accurate, real-time torque and mechanical power measurement of shafts and rotor systems.

Features

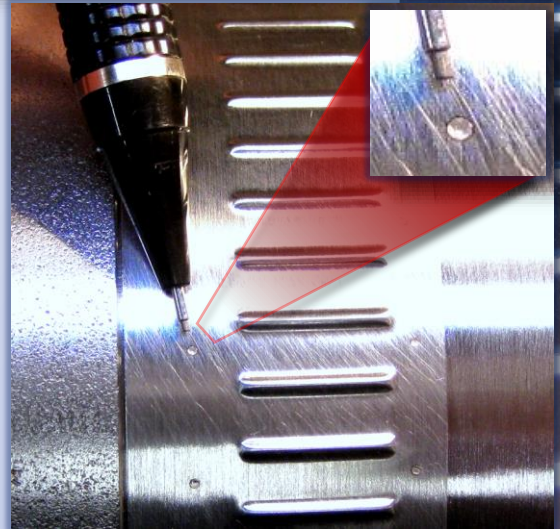
- Instantaneous Mechanical Power Measurement
- Static and Dynamic Torque/Power
- Up to 1000 Readings per Second (1KHz)
- Contactless: Maintenance Free Operation
- 1 Hour Encoder Belt Installation with Micro Spot Welding (Encoder Belt can be Installed Using Epoxy Adhesive)
- Lightweight Encoder Belt: 12 gram/m
- Analog Voltage/Current Outputs
- For Testing and/or for Permanent Installation
- Not affected by Dust/Dirt/Oil/Water/Grease...
- Immune to Electrical Noise
- Easy Gap Adjustment During Operation
- Hazardous Location (Explosion-Proof)
- Temperature Range: -73°C to 230°C, (-100°F to 450°F)

Applications

- Real Time Mechanical Power Monitoring
- Torque Monitoring
- Torsional Vibration Monitoring
- Transient Load Monitoring
- Torsional Natural Frequencies Measurement
- Rotor Health/Condition Monitoring
- Shaft Coupling Load Monitoring
- Gearbox Efficiency, Gear Vibration

Industries

- Electric Power Generation (Nuclear, Fossil, Hydro...)
- Marine/Shipping (Drive Shaft Monitoring)
- Oil and Gas, Mining
- Automotive, Aviation/Aerospace
- Research and Development



More Information

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