

## Commodity Description

| Item        | Torquemeter & Signal Processor   |
|-------------|--|
| Description | <ul style="list-style-type: none"><li>• Torquemeter<ul style="list-style-type: none"><li>- Max continuous speed : over 70,000rpm</li><li>- Max continuous torque : over 100Nm</li><li>- Accuracy at full scale torque : below 0.2%</li></ul></li><li>• Signal Processor<ul style="list-style-type: none"><li>- 19" Rack-mounted</li><li>- Sampling : over 10kHz for high-speed accuracy</li><li>- Temperature compensation</li><li>- A/O : speed, torque, power, bearing temp.</li><li>- Protocol : TCP/IP</li><li>- S/W : Torsional vibration &amp; FFT for safety monitoring</li></ul></li><li>• Installation Constraints<ul style="list-style-type: none"><li>- Test-bed/Shaft type (no in-line/hollow type)</li><li>- Length : below 300mm</li><li>- Oil lubrication, Air seal</li></ul></li><li>• Performance Certificate<ul style="list-style-type: none"><li>- Statical and Dynamical Calibration Sheet</li></ul></li></ul> |