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Solartron Metrology has the technology, the commitment and the



Our markets

Automotive

way that data is processed becomes more less reliance on manpower is critical in easurements of power and transmission featured within this field.

Aerospace

Bearings

accuracy, bearings metrology is often reliably and cost effectively. extremely demanding. The right choice of sensor can improve the manufacturing efficiency, accuracy, reliability, speed of operation, service intervals and the costs

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High precision and high volume ero engines requires precision metrology manufacturing, coupled with very short and sensor robustness, these features are cycle times, are very demanding tests for undamental in Solartron's products. any position sensor. Solartron's absolute position and gauging sensors provide the speed, sub-micron accuracy and reliability Whether it is surface finish or dimensional required to produce measuring solutions





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Our products

In the laboratory, on the shop floor or in the field, Solartron Metrology's products provide precise linear measurements for quality control, test and measurement and machine more intricate, the accuracy of their manufacture is an

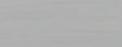
DICE

Digital Network

The Orbit 3 measurement system provides a fast and simple solution for building large, flexible sensors and gauging systems with a single common dynamic and synchronisation capabilities for the measurement of moving parts. In addition to Solartron's digital sensors the network allows a wide range of thir party sensors to be connected, including

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Gauging Sensors

Solartron's extensive range of gauging • Resolution down to 0.01 µm sensors includes inductive and incremental probes, digital probes and • Traceability to NPL (National Physical probes with integrated electronics.

- Measurement ranges from 0.5 mm to 25 mm
- Accuracy to 0.1% of reading (inductive) or 0.4 µm for encoders
- life and robustness
- Traceability to NPL (National Physical

Customised Gauging Sensors

Solartron's customised gauging sensors reliable process.

- Measurement ranges from 0.5 mm to 10 mm
- Repeatability down to <0.1 µm

Instrumentation and Electronics

To compliment Solartron's range of digital modules for the LVDT and half-bridge sensors.

Position Measuring Sensors

displacement sensor is used within a semiconductor manufacturing process, the deformation of a structure in sea position measuring sensors guarantee

- Digital options with 5 mm to 7.6 m measurement range
- DC and 4-20 mA versions with integral asurement range
- <0.2% Linearity FRO
- lermetically sealed, submersible, P 68/67/65 versions

Wireless Hand Tools

bore gauge is the first in a new measurement and gauging products. offer manufacturers greater freedom

Miniature Displacement Sensors

precision positioning*, such as semiconductor wire bonding,

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OEM Custom Displacement Sensors

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