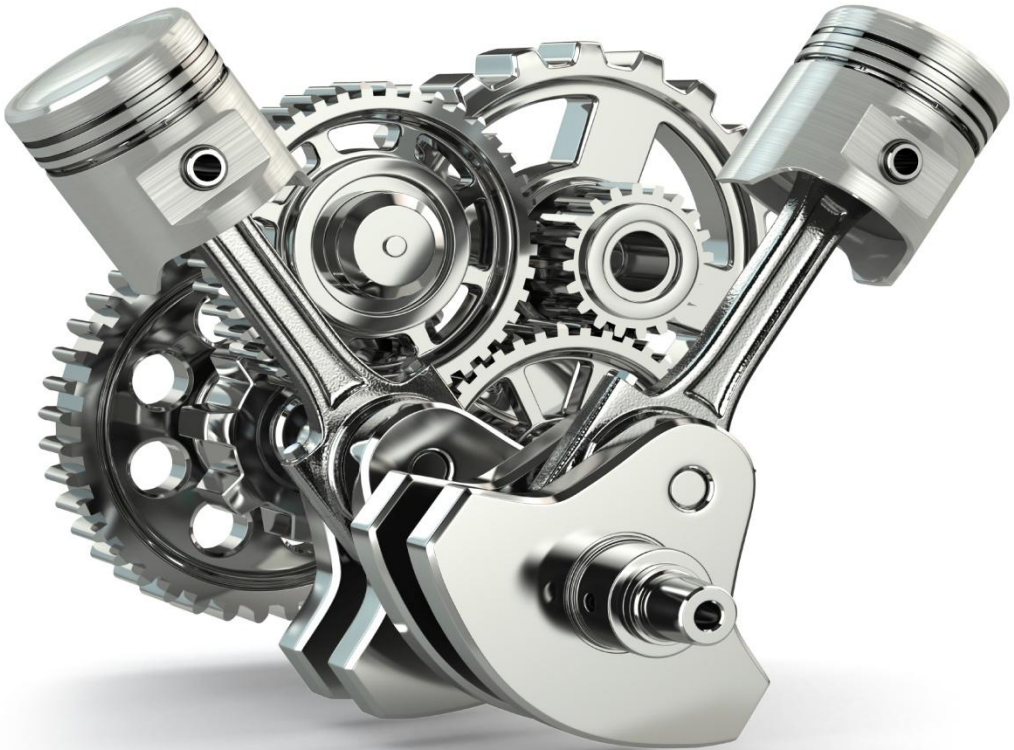


Application Story

*Automotive*

## Piston measurements using the Orbit<sup>®</sup> 3 Network



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## The Product

The SI7500 is a multi-axis metrology display that connects to the Solartron Orbit<sup>®</sup> 3 Network and accepts up to 16 Orbit<sup>®</sup> module inputs, such as Digital Probes, Linear Encoders and Analogue Input modules.

The SI7500 also reports dynamic Min/Max measurements, provides SPC analysis from an integrated database and offers connectivity to PCs and other peripherals.

**Display type: 6" colour LCD – No. Of Orbit<sup>®</sup> modules: 16 – Resolution: 0.0001 mm – Frequency: 43 to 63 Hz**

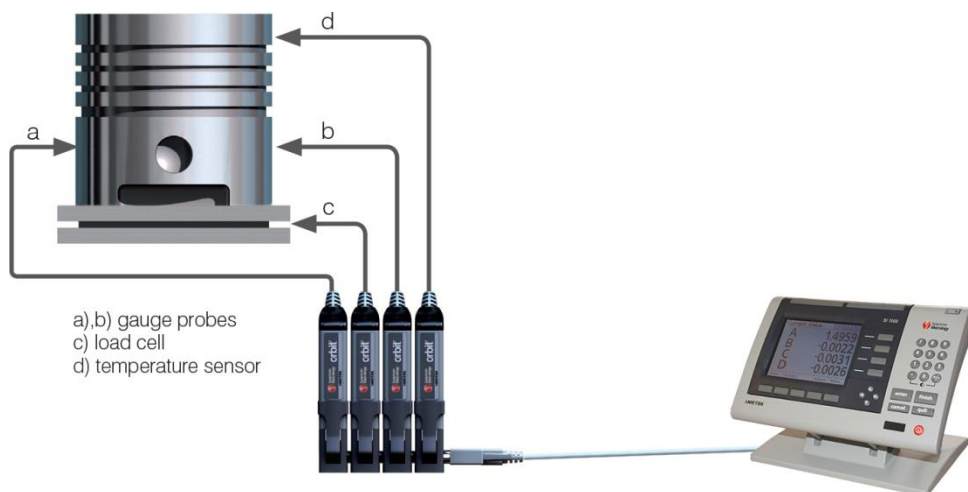


## The Challenge

Although manufacturers of these products are highly experienced in the gauging marketplace, the ability to provide a solution enabling the end user to gain information regarding the pass or fail of a particular component is vital in understanding the acceptance of a product. Using a selection of probes, dimensions of products such as a pistons can be taken. However issues arose when trying to consolidate data and provide an accurate overall reading.

## The Solution

Using Solartron Metrology's Orbit<sup>®</sup> 3 Network and the SI7500 LCD Orbit<sup>®</sup> 3 Display and Controller, all the probes can be connected to one central point, linked to desired outputs. This allows the end user to have one complete solution with which to interconnect all sensors and carry out equations to determine the pass or fail of a product.





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Solartron pursues a policy of continuous development. Specifications in this document may therefore be changed without notice.

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