



Market-leading probes

for exceptional performance



True to its commitment to making customers' products and processes the best in the world, FARO technologies has chosen Renishaw probes to be fitted as standard to its most advanced portable arm CMM, the Quantum FaroArm.



TP20

Renishaw's TP20 touch-trigger probe is a compact module-changing probe which allows the use of a range of stylus configurations and extensions to access features on complex parts.

The TP20 touch-trigger probe allows FaroArm users to easily measure soft and flexible materials.

It's patented 'break-away' design instantly captures data points while virtually eliminating deformation caused by hard probing.

Reduced cycle times

The TP20 fast stylus changing without requalification can save you hours every week. TP20 stylus module changing takes seconds.

Reduced cost of ownership

TP20 has detachable modules that afford XY crash protection.

Optimized visibility

TP20 provides excellent visibility and clearance around the stylus tip, making complex part measurement easier. Combined with superior touch trigger metrology, the TP20 provides exceptional all round performance.



FARO SENSOR

NEW!

Exclusive to FARO,
designed by Renishaw.

Three sensors in one!

Exclusively developed for the Quantum arm, Renishaw's FARO SENSOR breaks through the limits of traditional hard probes.

The FARO SENSOR is a contact-sensing rigid probe which incorporates ground breaking technology to provide hard probe, touch trigger and scanning capability.

The innovative sensing technology within the FARO SENSOR ensures that data is taken only when the probe's stylus is in contact with the part, eliminating the need to remove any erroneous data taken when a hard probe leaves the work-piece while measuring.



Reduce operator variability

The FARO SENSOR significantly improves the accuracy and repeatability of the measuring process by minimizing operator influence.

Designed for durability

The robust construction of the FARO SENSOR allows it to withstand the rigors of day-to-day use in an industrial working environment.

Multi-styli capability

A range of styli can be fitted on to the FARO SENSOR, allowing access to intricate, as well as hard-to-reach features.

The probe is supplied with two styli specially designed for the highest accuracy and sensitivity.

	FARO SENSOR	TP20	Hard probes
Single point measurement	✓	✓	✓
Interchangeable range of styli	✓	✓	
Avoid invalid air points	✓	✓	
Measure flexible surfaces	✓	✓	
Visual indication of surface contact	✓		
Loose stylus detection	✓		
Scanning	✓		✓
Trigger button used			✓

