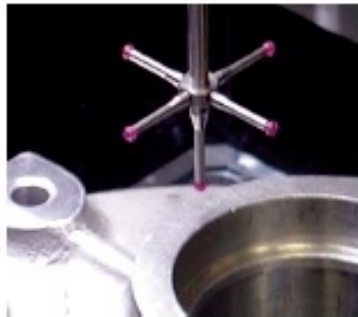
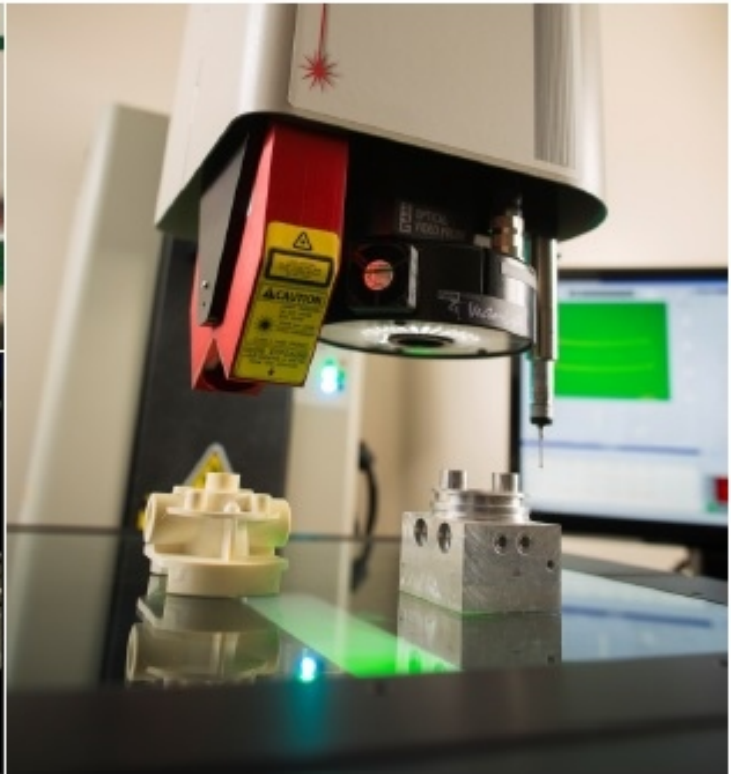
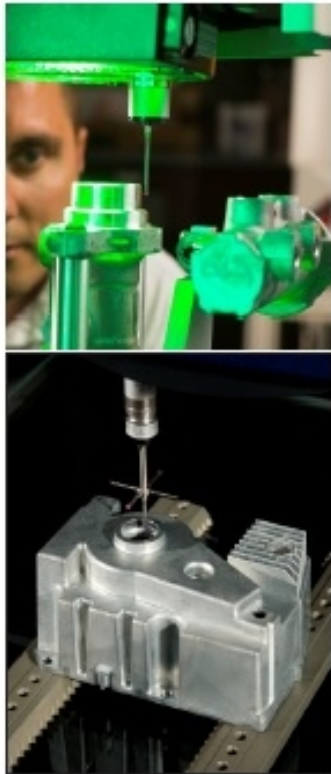




TOUCH PROBE *For Multisensor Metrology*

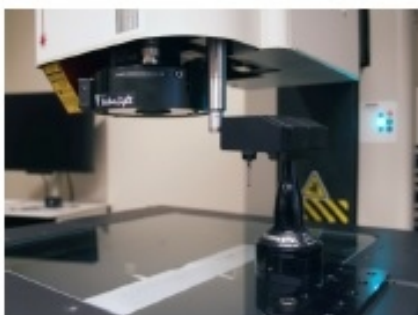


Contact sensors can reach areas inaccessible to video, allowing more measurements of a part in a single setup. QVI® multisensor systems can combine video and touch probe measurements in a part routine, saving time and minimizing part handling.

Drawing on nearly twenty years of QVI multisensor experience, touch probe options are available for a variety of QVI metrology systems.

QVI touch probe options are integrated into system hardware and QVI metrology software for seamless operation. Combine video and touch probe measurements in a part routine, and switch between video and touch probe measurements at any time. A unique probe-to-optics offset calibration ensures that all sensors are referenced to the same coordinate system, so measurements are sensor-independent within a measurement routine.

A reference sphere and calibration software are available for QVI touch probes. Compatible probe sensors, detachable stylus modules, and many popular styli are available from QVI, or other sources.



Kinematic Mounting Kit

The Kinematic Mount allows the user to switch between change racks and calibration artifacts without tools. The three-point magnetic mount assures accurate repetitive placement of the racks and artifacts, eliminating the need to re-teach their locations.



Total Quality Systems Inc.

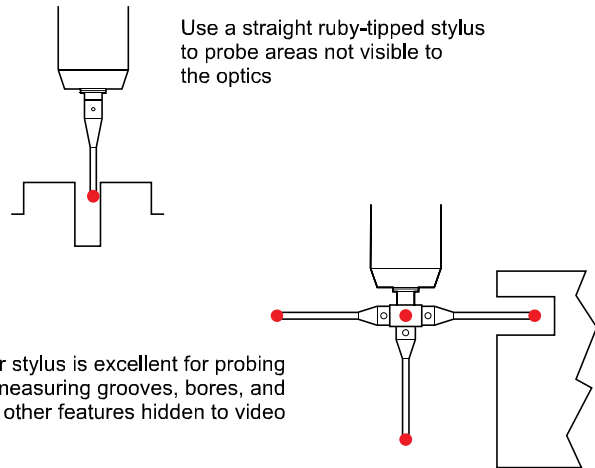
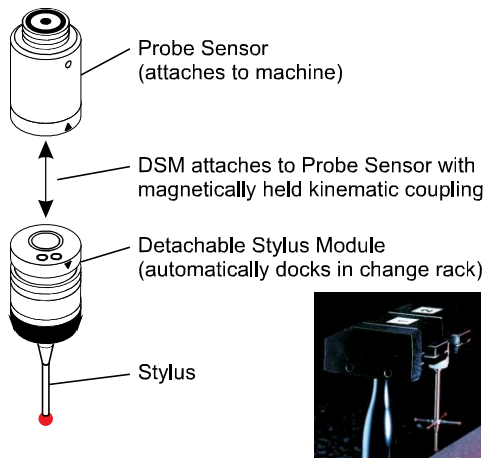
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Todd direct 602-228-3863

TOUCH PROBE *For Multisensor Metrology*

- Supported Touch Probes** Renishaw® TP20, TP200*
- Mounting** Probe sensor mounts on touch-probe-ready QVI® measurement systems. Detachable stylus module and stylus attach to probe sensor via magnetic self-aligning kinematic joint.
- Change Rack(s)** 4-position or 2-position (depending on metrology system).
- Automatic Probe Identification** Through programmable position within change rack.
- Metrology Software** Compatible with QVI Measure-X® metrology software. (Please see respective software and system datasheet(s) for additional details and technical information.)
- XYZ Frame of Reference** Freely interchange touch probe measurements and those taken by other sensors within the same measurement routine.
- Calibration Option** QVI Touch Probe Adapter Package option, including mounting hardware, reference sphere, and software.
- Other Options** For complete functionality, the PI200 interface box, a probe sensor, and at least one detachable stylus module (DSM) and stylus is required. For automated stylus changing, a 2-or 4-station change rack is required, as well as additional DSMs (one for each station), and additional styli. All may be purchased from your QVI sales representatives, or other sources.

*Not available as factory supplied equipment



RAM Optical Instrumentation
RAM

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Manufactured by:



Rochester, New York, USA

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