



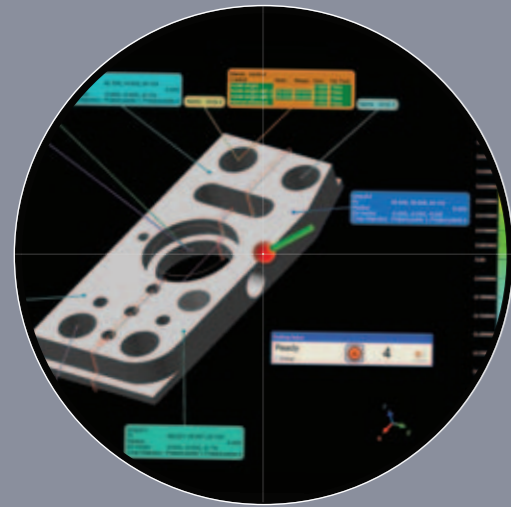
...adding a new dimension to coordinate measurement



Rapid Setup

Portable CMM

Shop-Floor Accuracy
Ease-of-use



PROBE

- Wireless operation ensures a cable-free environment
- Automatic probe identification simplifies setup and eliminates operator error
- Quick-release stylus changing system eliminates the need for tools and stylus recalibration
- Intuitive information panel provides audio/visual feedback and multi-function buttons for greater control
- Portable Command Console provides remote data display, reducing the need to access the host computer
- Easy-to-hold ergonomic shape reduces operator fatigue
- Quick-connect pistol grip with integrated trigger provides added control and flexibility
- Multiple trigger points support right- and left-hand operation, including inverted and reaching positions
- Single point and continuous scanning measurement modes are supported



OPTICAL TRACKER

- Portable design and rapid setup bring you to the part to solve problems faster
- Small footprint, instant tracking and adjustable orientation enable use in confined spaces
- Laser indicator shows the extents of the measurement volume for quick and precise positioning
- Integrated wireless communication supports a range of tools and accessories
- Large measurement volume reduces the need for multiple setups
- Temperature compensation reduces measurement error, ensuring ideal performance under various conditions
- Dynamic Referencing capability provides greater shop-floor accuracy

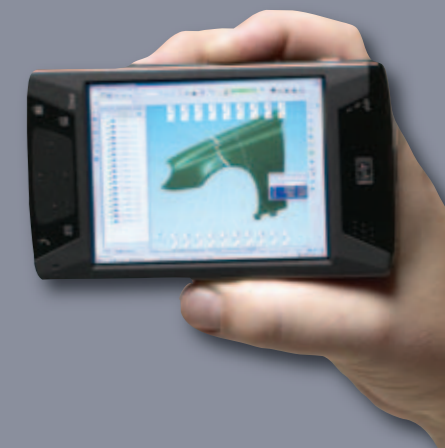
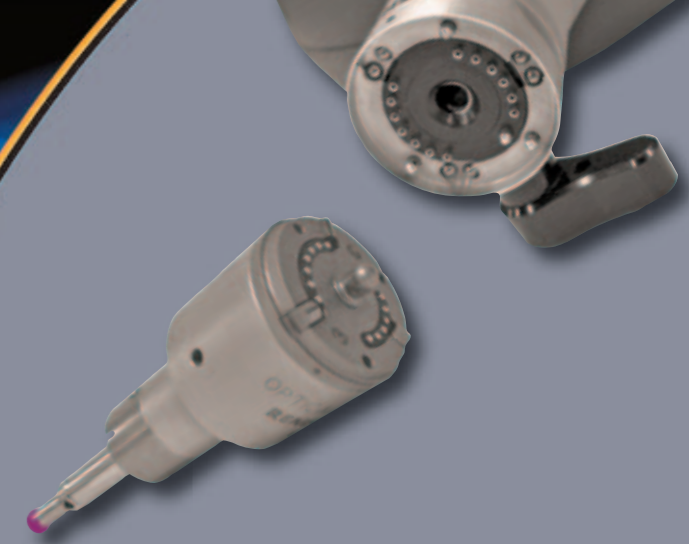
Avoid unnecessary downtime by eliminating the need to remove, transport, and measure components off-line. Instead, take control by bringing the OPTOTRAK PROseries Portable CMM to the part instead of bringing the part to a fixed-based measuring machine.

Perform Part-to-CAD, computer-aided inspection right on the shop floor with intuitive software that automatically compares measured points to CAD data in real-time. Deviations and out-of-tolerance conditions are clearly indicated with colour-coded error maps and text displays. Guided point measurement and customizable quality reports provide added control and simplify any inspection routine.

ARMLESS • WIRELESS • BEAMLESS

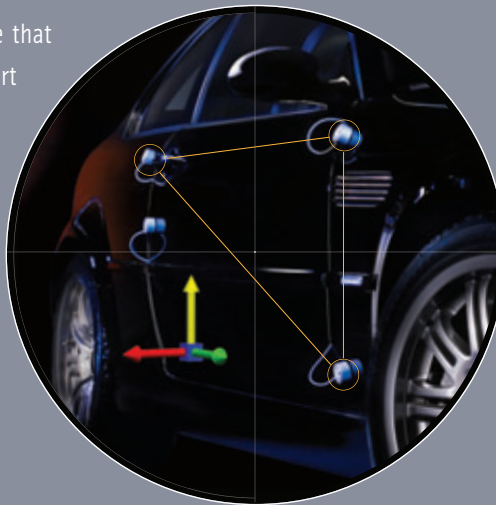
Free of mechanical linkages, the OPTOTRAK PROseries sets the new standard in usability and handheld performance with a wireless probe that provides truly unrestricted range of motion. The beamless design also eliminates the need to maintain a constant line-of-sight – simply present the Probe to the Optical Tracker whenever you are ready to measure. Momentary obstructions have no effect on the system's ability to continue tracking, dramatically improving productivity. Experience the ultimate freedom in handheld, walkabout coordinate measurement with OPTOTRAK PROseries.

...now you are in control.



DYNAMIC REFERENCING

Dynamic Referencing is a powerful and unique feature that automatically compensates for movement between the part and tracker to guarantee accuracy on the shop floor. Targets attached to the part are continuously monitored, creating a local frame of reference that ensures probe coordinates are always measured relative to the part. Now you can automatically maintain part alignment throughout the entire inspection routine to eliminate measurement drift and error.



- Operate in unstable conditions
- Actively compensate for vibration
- Overcome changes in setup caused by thermal effects
- Compensate for the loading of live suspensions
- Perform fixtureless measurement
- Reposition the part or tracker at any time

For over a quarter century, companies have trusted NDI as the pioneer in advanced optical metrology. With offices, dealers, and thousands of measurement systems deployed worldwide, the NDI name is synonymous with providing the right solution for the right job. NDI's new generation of portable metrology solutions has set a new benchmark for system accuracy, usability, and flexibility. If the need arises, our highly regarded customer support services will keep you up and running. As the world leader in innovative measurement technology, NDI has the knowledge and experience to provide the focused solutions and services you need.



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