

mti instruments



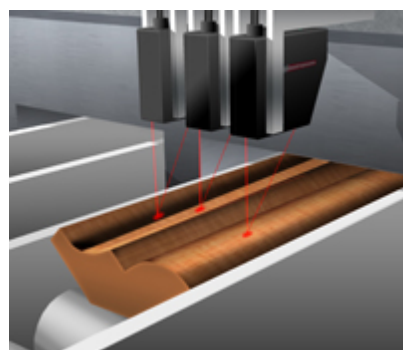
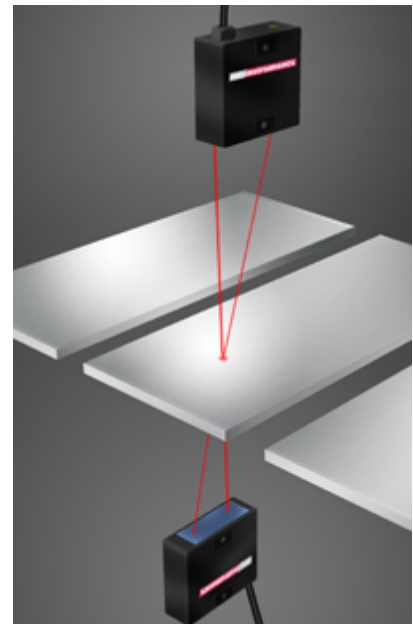
The latest laser sensor from MTI Instruments challenges even the most difficult measurement applications.

This NEW single spot laser sensor is equipped with the latest CMOS sensor that is ten times the sensitivity of its predecessor and provides superior linearity over the competitors.

The [Microtrak™ 3](#) automatically optimizes itself to the sensed conditions as it monitors the light intensity received on a pixel array.

Precise and Accurate Measurements for Applications such as:

- In Process Thickness Measurement
- Part Warp
- Parts Alignment
- Dimensional Displacement
- Vibration Testing
- Step Height Distance
- Spindle Run-out
- Fill Height Automation
- Flatness and Defect Analysis
- Profile Acquisition
- Thermal Expansion/Contraction
- Displacements of Structural Dynamics



A special built-in programmable CUT-TIME FEATURE provides a bridging function that ignores hole and cut-outs on objects for in process gap control and measurement.

The [Microtrak™ 3](#) is undoubtedly an essential tool for process automation, quality control and tool automation control.

MTI Instruments is a worldwide leader in the design, manufacture and engineering of [non-contact measurement systems](#) and sensors. MTI's main products consist of computerized general gauging instruments for position, displacement, thickness and vibration applications using [Laser Sensors](#), [Fiber-Optic](#) and [Capacitive Sensor](#) measurement technologies. The Semiconductor Products sensor group manufactures manual, semi-automated and fully automated wafer characterization tools designed to measure [wafer thickness](#), [total thickness variation \(TTV\)](#), [bow](#), [warp](#) and [flatness](#) of semi-insulating and semiconducting materials. MTI's [Aviation Balancing Instruments](#) group provides state-of-the-art portable balancing and high speed vibration measurement analysis systems for turboprop and jet aircraft engines.

Contact MTI's experienced [Applications Engineers](#) to learn of other measurement applications, or for help solving your difficult measurement needs.

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