



ML3G

Non-Contact Tool Setter

At IMTS 2026, Marposs will showcase the ML3G, a non-contact tool measurement system designed to improve tool control, accuracy, and productivity directly on the machine.

The ML3G measures tools by detecting the interruption of a laser beam, eliminating physical contact and significantly reducing the risk of damage to small, fragile, or coated tools. This approach enables measurements at real cutting speeds, even at thousands of RPM, while maintaining high accuracy that is unaffected by run-out or dynamic length variations.

Beyond tool pre-setting, the ML3G supports tool breakage detection, integrity verification, and cutting-edge profile scanning, helping manufacturers reduce scrap, improve process stability, and increase overall production efficiency.

Designed for demanding machining environments, the ML3G combines fast processing capabilities with an integrated air blower that cleans tools during measurement. A redesigned shutter and mounting system enhances sealing performance while simplifying maintenance, and a reinforced mechanical structure ensures reliable operation even in the presence of coolant and chip contamination.

Available in four lengths and three mounting options, the ML3G offers flexible integration across a wide range of machine configurations and applications.

By combining non-contact measurement technology with robust construction and advanced functionality, the ML3G helps manufacturers protect valuable tools, reduce manual errors, and improve operational efficiency in modern machining environments.

Visit Marposs at IMTS 2026, located in East Hall, Level 3 in booth# 134324 to discover how the ML3G can help improve your machining quality.

ABOUT MARPOSS

MARPOSS was founded in 1952 and Mr. Francesco Possati is the President of the Group; it provides shop-floor solutions for measurement, inspection and testing in the production

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environment. Marposs' solutions include gauging equipment of mechanical components, before, during and after the production process; monitoring solutions on machine tools; assembly and testing for many industry sectors; and automatic machines and inspection stations for production lines. MARPOSS is one of the main suppliers to the automotive industry providing solutions for both traditional and electric mobility but additionally operates in the aerospace, biomedical, hi-tech, white appliance, and glass containers industries. MARPOSS Group employs 3200 people around the world and is present in 34 countries with more than 80 sales offices.