



K-Scan MMDx  
Full freedom handheld scanning



# Features and benefits



K-Scan MMDx incorporates the new generation handheld laser scanners for portable metrology applications. High accurate, renowned user friendliness and stunning performance make it a modern and versatile handheld scanning solution without mechanical constraints. K-scan MMDx is the ultimate scanning solutions for accurate part-to-CAD inspection and productive reverse engineering, combining the accuracy and productivity of the MMDx laser scanner and the user mobility, measurement volume and motion compensation of the K-Series optical CMM.

## Measure anywhere

- Fully portable and easy setup
- Suited for metrology lab and shop floor measurements
- Motion compensation of measurement object, through dynamic object referencing

## Effortless handling by ergonomic design

- Omni-directional use of probe without mechanical constraints
- Balanced handgrip
- Lightweight carbon fiber probe design
- Data transfer via Ethernet, no need for scanner controller box
- Indicators for intuitive operator feedback

## Superior accuracy

- Full digital processing
- Excellent material scanning capabilities by using ESP3
- Optimized LED positions for continuous and precise probe tracking

## High scanning throughput

- Digital technology with high frame rates
- Laser stripe width up to 200mm

## Wide range of applications

- Large (17m<sup>3</sup>) and expandable measurement volume
- K-Scan LED probe compatible with MMDx100 and MMDx200
- Laser scanner compatible with articulated arms and K-Series Optical CMM
- Plug-and-play on existing K-Series Optical CMM
- SpaceProbe touch probe for tactile measurements

## Applications

- Full-freedom scanning of large objects:  
Car components of any size / Full cars and trucks
- On-site measurement applications
- Part-to-CAD inspection
- Reverse engineering



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