



K-Scan MMD

Nr 1 in
productivity



Full freedom handheld scanning



Features & Benefits

K-SCAN MMD IS METRIS' NEW GENERATION HANDHELD LASER SCANNERS FOR PORTABLE METROLOGY APPLICATIONS. ACCURATE, EASY-TO-USE AND A STUNNING PERFORMANCE MAKE IT THE MOST MODERN HANDHELD SCANNING SOLUTION WITHOUT MECHANICAL CONSTRAINTS. K-SCAN MMD IS THE ULTIMATE TOOL FOR ACCURATE PART-TO-CAD INSPECTION AND PRODUCTIVE REVERSE ENGINEERING, COMBINING THE ACCURACY AND PRODUCTIVITY OF THE MMD LASER SCANNER AND THE USER FREEDOM, MEASUREMENT VOLUME AND MOTION COMPENSATION OF THE K-SERIES OPTICAL CMM.

K-SCAN MMD FEATURES & BENEFITS

- 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
 - Lightweight carbon fiber probe design
 - Indicators for intuitive operator feedback
 - Balanced handgrip
 - Data transfer via Ethernet, no need for scanner controller box
- High scanning throughput
 - Scanning rate at 80.000pts/s
 - Laser stripe width up to 200mm
 - High-resolution digital acquisition
- Superior accuracy
 - Full digital processing
 - Optimized LED positions for continuous and precise probe tracking
 - Excellent material scanning capabilities by using Enhanced Sensor Performance technology for automatic laser parameter optimization
- Wide range of applications
 - Large (17m³) and expandable measurement volume
 - K-Scan LED probe compatible with MMD100, MMD200 and LC scanners
 - 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



FOV
MMD100



FOV
MMD200

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