



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 (17m³) 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



NIKON METROLOGY NV

Geldenaaksebaan 329
B-3001 Leuven, Belgium
phone: +32 16 74 01 00 fax: +32 16 74 01 03
info@nikonmetrology.com

NIKON METROLOGY EUROPE NV
tel. +32 16 74 01 01
sales_europe@nikonmetrology.com

NIKON METROLOGY GMBH
tel. +49 6023 91733-0
sales_germany@nikonmetrology.com

NIKON METROLOGY SARL
tel. +33 1 60 86 09 76
sales_france@nikonmetrology.com

NIKON METROLOGY, INC.
tel. +1 810 2204360
sales_us@nikonmetrology.com
us.nikonmetrology.com
www.nikoninstruments.com

NIKON METROLOGY UK LTD.
tel. +44 1332 811349
sales_uk@nikonmetrology.com

NIKON CORPORATION

Shin-Yurakucho Bldg., 12-1, Yurakucho 1-chome
Chiyoda-ku, Tokyo 100-8331 Japan
phone: +81 3 3773 9026 fax: +81 3 3773 9062
www.nikon-instruments.jp/eng/

NIKON INSTRUMENTS (SHANGHAI) CO. LTD.
tel. +86 21 5836 0050
tel. +86 10 5869 2255 (Beijing office)
tel. +86 20 3882 0550 (Guangzhou office)

NIKON SINGAPORE PTE. LTD.
tel. +65 6559 3618

NIKON MALAYSIA SDN. BHD.
tel. +60 3 7809 3609

NIKON INSTRUMENTS KOREA CO. LTD.
tel. +82 2 2186 8400

More offices and resellers at www.nikonmetrology.com