Technical datasheet

W.01 16002

23/11/2026

VERTICAL DIGITIZING & COORDINATING MEASURING MACHINES

Nikon – Metris MMC LKV 25.10.8 – X: 3800- Y: 1000 – Z: 800 mm

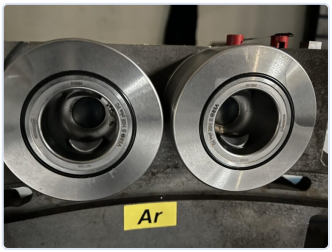
Brand: Nikon - Metris · Type: MMC LKV 25.10.8 - X: 3800- Y: 1000 - Z: 800 mm











SURFACE PLATES (FLOORPLATES) & MESURINGTABLES

Lenght	**3259 mm**	Width	**2011 mm**
Thickness	**3510 mm**		

DESCRIPTION

NIKON-Metris / LKMetrology

X: 3800 – Y: 1000 – Z: 800 mm

The **LK V-SL** model features a revolutionary design that delivers the best scanning and inspection performance of any working CMM on the market. The multi-sensor LK V-SL coordinate measuring machine stands out due to its unique design and meets the requirements of the automotive and aerospace industries.

Thanks to its ability to perform high precision measurements (HA – High Accuracy), this system strengthens its position as a reference CMM for metrology laboratories, offering sub-micron accuracy for applications demanding the highest measurement accuracy.

Last calibration: 19-09-2024

Renishaw control system:

-Probe head controller: PHC 10-2

-Interface selector 191-2

-Probe interface PI 200

-TP 200 Renishaw measuring probe

CONTACT

Dam-Apt BV

De Tonne 77 · 9800 Deinze · Belgium

Tel: +32 (0)9 386 15 71 · info@aptint.com

www.aptint.com · VAT BE 0405.595.996

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Laser control system.

LC60DX

The LC60Dx is designed for high-speed, medium-range 3D laser scanning on coordinate measuring machines (CMMs).

The device offers excellent performance in scanning large parts, such as molds, car panels or structural components, with an accuracy of up to 9 microns.

Renishaw PH10M - Motorized indexing measuring head

Rotation axes:

A-axis: ±180°

B-axis: 0–115°

Indexation step: 7.5°

→ which gives a total of 720 positive positive positive results

Interface:

Autojoint/M8 connection (compatible with modular test systems such as Renishaw TP200, SP25M or Nikon/Metris laser scanners)

Maximum stylus weight: approx. 300g

Maximum stylus length: up to 300 mm

Position repeatability: ±0.4 µm (0.0004 mm)

Applications:

Measurement of parts with complex shapes (turbine blades, molds, housings, etc.)

Used in conjunction with probes such as Renishaw SP25M, TP200 or Nikon/Metris LC15Dx

Compatible with most CMM brands (DEA, Hexagon, Mitutoyo, Wenzel, LK, etc.)

SCHUNK - Quick-change clamping system for use on CNC machines.

It is intended for securing pallets, clamping workpieces on the machine table with very high positioning accuracy (up to 0.005 mm).

Manufacturer: SCHUNK (Germany)

Model: VERO-S NSE plus 90

Type: Quick-change clamp module

Module diameter: 90 mm

Operating pressure: 6 bar

Clamping force: up to 25,000 N (25 kN)

Material: hardened stainless steel

Operation: Pneumatic operation with mechanical self-locking

Positioning accuracy: ≤ 0.005 mm

PRICE

Price on request

Request a quote

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