



SOLANO CMM 3D laser scanner

- ▶ Driven CMM ready
- ▶ Contact and non-contact measurement
- ▶ Economic solution

SOLANO CMM

SCANNING FUNCTIONALITY UPGRADES
CMM WITH A COMPETITIVE PRICE

Kreon®

SOLANO CMM 3D LASER SCANNER

The Solano CMM is equipped with a red laser and enables to scan most industrial parts on CMM. It provides a simple solution for contact and non-contact measurement.

► PRODUCT ADVANTAGES

Probe integration

Being integrated under the scanner, the probe enables probing and scanning at the same time, it is really useful for alignment works.

PH 10 compatibility

Solano CMM compactness, combined with PH10 motorised head flexibility, easily deals with complex shape parts with hard-to-access zones.

Software and controller compatibility

Software: Metrolog, ArcoCAD, Capps DMIS, Rational DMIS, Inca3D etc.
Controller: Metrologic, Renishaw, Pantec, Deva etc.



► TECHNICAL SPECIFICATIONS

Max scanning speed
40 000 pts/sec

Accuracy (2σ)
30 μ m

Laser line length
100 mm

► SCANNER SPECIFICATIONS

Line resolution	140 μ m
Stand-off distance	50 mm
Field of view	100 mm
Max frequency	90 Hz
Typical probing error (MPEp)*	30 μ m
Multi stylus test accuracy (MPEal)*	30 μ m

► MACHINE SPECIFICATIONS

Machine interface	Driven CMMs
Probe compatibility under the scanner	Hard probe, Renishaw TP 2/20/200
PC communication	Ethernet

All specifications are subject to change without notification

**According to EN/ISO 10360-2 or VDI 2617 part 6.2 for CMM with accuracy of 2,5 μ m + L/350 or better*

► COMMON KREON LASER SCANNERS FEATURES

Polygonia software and plugin

Scanner interoperability with major third-party programs: Metrolog, PowerInspect, PolyWorks, Capps, Geomagic, Inca 3D, etc.

AQC (auto quality check)

Automatic compensation of the different material's optical characteristics during scanning.

Integrated probe under the scanner

Probing and scanning operate simultaneously in the same software without removing the scanner.

► MAIN APPLICATIONS

- Dimensional analysis
- Quality control
- Rapid prototyping
- First article inspection
- Reverse engineering
- Surface acquisition



Kreon Technologies - Ester Technopole 19 rue Columbia, 87068 Limoges - FRANCE
www.kreon3D.com - contact@kreon3d.com