Available in red laser version

SOLANO BLUE
3D laser scanner

- Compatible with 6 and 7-axis Ace arm
- Blue laser accuracy: 25 µm
- Adapted for shiny surfaces

SOLANO BLUE

THE EASIEST SOLUTION FOR
REFLECTIVE SURFACE CONTROL

RapidScan3D

Kreon

SOLANO BLUE 3D LASER SCANNER

Solano Blue scanner has been developped to answer three important criteria: performance, simplicity and competitiveness. **Furthermore, the blue laser allows to better scan the reflective surfaces.**

PRODUCT ADVANTAGE

Shiny parts
Solano Blue permits to scan reflective parts with the highest accuracy. Moreover it is easy to install and use.

Integration on the measuring arms
Solano Blue is plug-and-play with the measuring arms Ace 6 and 7 axes. It is compatible as well with the other arms of the market.

For more competitive solution, Solano exists in a red laser version.

TECHNICAL SPECIFICATIONS

	Max scanning speed	Max accuracy (2σ)	Laser line length
	50 000 pts/sec	25 µm	100 mm
With red laser:	40 000 pts/sec	30 µm	100 mm

SCANNER SPECIFICATIONS

	Blue laser	Red laser
Line resolution	140 µm	140 µm
Stand-off distance	100 mm	100 mm
Field of view	100 mm	100 mm
Max frequency	90 Hz	90 Hz

MACHINE SPECIFICATIONS

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

All specifications are subject to change without notification

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

RapidScan3D

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