

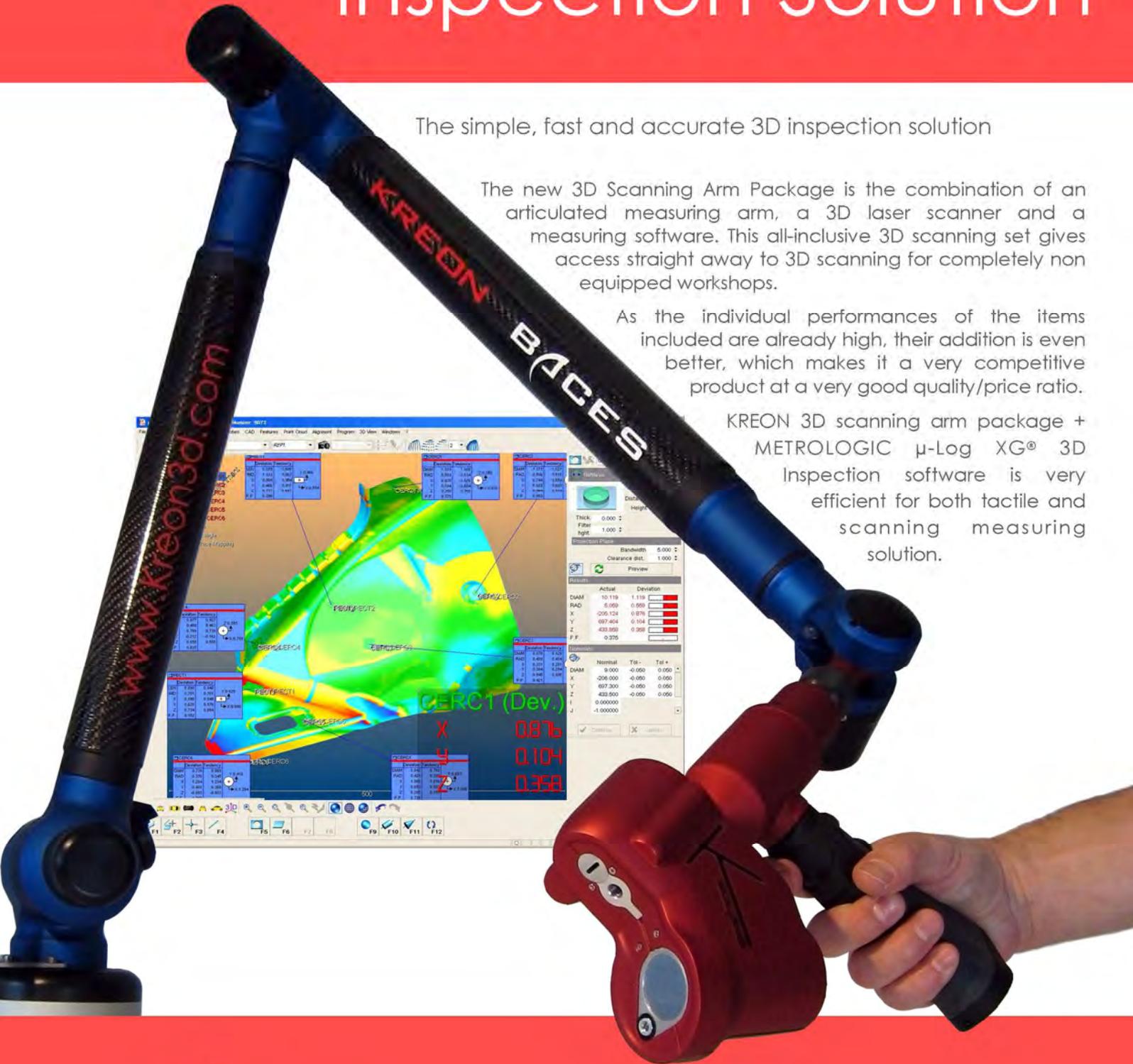
# KREON 3D Portable Inspection Solution

The simple, fast and accurate 3D inspection solution

The new 3D Scanning Arm Package is the combination of an articulated measuring arm, a 3D laser scanner and a measuring software. This all-inclusive 3D scanning set gives access straight away to 3D scanning for completely non equipped workshops.

As the individual performances of the items included are already high, their addition is even better, which makes it a very competitive product at a very good quality/price ratio.

KREON 3D scanning arm package + METROLOGIC  $\mu$ -Log XG<sup>®</sup> 3D Inspection software is very efficient for both tactile and scanning measuring solution.



# Kreon

## TECHNICAL SPECIFICATIONS

The technical qualities of the KREON 3D inspection arm package come from the right combination of selected items with impressive performances:

### SYSTEM PERFORMANCE (arm + scanner)

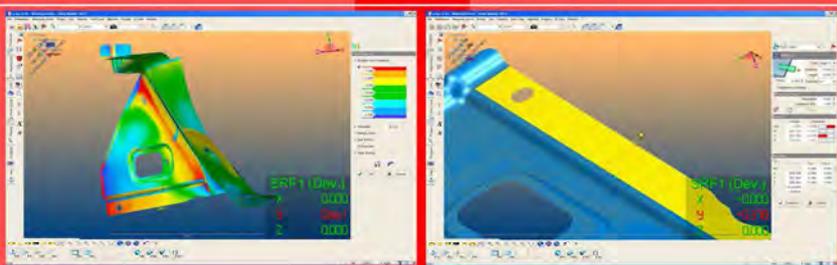
Model	Axis	Range (Dia.)	Repeatability	Volumetric accuracy
M100	6 or 7	2600 mm	0,06 mm	0,1 mm
G100	6 or 7	3200 mm	0,075 mm	0,13 mm

### KREON SOLANO Laser Scanner

Model	Measuring speed	Laser line length	Weight	Standoff distance	Laser
KS 100	40 000 pts/sec	100 mm	< 380 g	100 to 200 mm	Class II

### METROLOGIC $\mu$ -Log XG<sup>®</sup> Inspection Software

Kreon scanning plugin  
Point cloud processing  
Prismatic and free-form measurements  
Part programming  
Graphical reporting



### USER BENEFITS

- Fast and accurate
- Efficient and user-friendly inspection software
- No need to have any measuring equipment before acquiring Kreon 3D scanning arm package
- Very good quality/price ratio
- Light and ergonomic

### A wide range of Business fields

Automotive: sheet metal surface inspection, rapid prototyping, crash test analysis, style design...

Aerospace: fast inspection, assembly analysis, scan-to-CAD comparison of common parts...

Medical: reverse engineering, surface reconstruction,...

Consumer products: quality control, 3D measures, digitizing, machine programming...

### HARDWARE SPECIFICATIONS

Operating temperature range: 10- 45 °C, 3 temperature probes allow an accurated compensation

Humidity: 95%, noncondensing

Power supply: Universal worldwide voltage: 100 – 250 V

Kreon Technologies

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The complete 3D scanning solutions