

Kreon produces accurate and high technology measuring arms for any application: reverse engineering, CAD comparison, quality control, 3D inspection.

Ace arm is proposed in 6 and 7 axes versions, depending on your needs. The 6-axis arm is mostly for probing when the 7 axes is mostly for scanning.

With integrated battery, Wifi and thermoregulation, Ace is a really efficient portable CMM. A must have to put in all workshop.

About Kreon®

Kreon Technologies believes in fundamental values:

- ▶ Performance
- ▶ Know-how
- ▶ Quality
- ▶ Innovation
- ▶ Reliability

We are driven by the customer satisfaction, offering the best solutions to meet their expectations and needs.

For more than 25 years, the Kreon company has implemented advanced technologies and manufactured systems with high quality materials. We are committed to provide our customers with the solutions aiming to help them to decrease production costs and time, to increase efficiency and to control their processes.

Ace

When design meets high accuracy



The ACE range comprises two models: the ACE and the ACE+ measuring arm.

Working with the latest encoder technology, the ACE+ arm also boasts an advanced calibration method, ensuring exceptional levels of performance.



Kreon scanners and probe ready



Temperature regulated



Integrated battery

Ace Skyline

The perfect companion for 3D scanning

Ace Skyline allies two of the most advanced Kreon solutions, the Ace arm and the Skyline scanner, providing a high performance system for contact and non-contact 3D measurement. The scanner Skyline digitizes any part in record time and detects the smallest details of the most complex parts.



9 μm Accuracy 25 μm Resolution 200 mm Laser line length

600.000 pts/sec Acquisition speed

Maximum values, depending on the Skyline scanner model

Skyline range includes 3 scanners
 Skyline **EYES**, the most accurate
 Skyline **WIDE**, the fastest
 Skyline **OPEN**, the most affordable

Track Ace

Ace arm tracking solution serves to move the arm freely around the measured part

- ▶ Large measuring volume
- ▶ Accurate positioning
- ▶ Range diameter up to 160 m



AirTrack solutions

AirTrack Handheld

- ▶ Large measuring volume
- ▶ Dynamic Part Referencing allows the scanner part or tracker to move during measurement
- ▶ Ergonomic design and lightweight
- ▶ High precision and speed
- ▶ Freedom of movement

AirTrack Robot

- ▶ Unique combination of contact and non-contact automated inspection
- ▶ Compatible with any brand or type of robot
- ▶ Independent of robot accuracy
- ▶ Programming of robot trajectories directly from the CAD model
- ▶ Simple offline programming
- ▶ Robust and flexible integration



A versatile range of scanners

Always find an expert near you

60
distributors
around the world



www.kreon3d.com

KREON Technologies
19, Rue Columbia ESTER Technopole
87068 LIMOGES Cedex (FRANCE)
Phone: +33 555 42 80 40
E-mail: contact@kreon3d.com

Kreon offers a vast range of 3D scanners in order to meet all your measuring needs. All of them can be equipped with a probe to combine contact and non-contact measurements.

Kreon scanners compatibility:



Measuring arm



CMM / CNC



Robot (AirTrack)

Solano Blue

Ready for shiny parts
Blue laser
Light

25 μm^*



Zephyr III **NEW**

Large laser line: 150 mm
High speed: up to 600.000 pts/sec
High accuracy
Blue laser

14 μm^*



Solano CMM

Economic solution
Red laser

30 μm^*



Zephyr II Blue

Ready for shiny parts
Fast
High accuracy
Blue laser

10 μm^*



PRODUCTS
OVERVIEW

Kreon®

* According to ISO 10360-8: MPE (P[Size.Sph.All:Tr:ODS])