

New Kreon ACE arm

All-in-one Solution
Portable 3D Scanning Solution
Measuring Arm



Kreon

 ACE



KREON TECHNOLOGIES is proud to introduce the new **KREON ACE** measuring arm, stemming from the merge of KREON and FriuROBOT technical teams experience and knowledge.

The very nice styling of **KREON ACE** arm covers a very high level of technology and material.

The arm is temperature regulated and can be used either in metrological department or in the workshop. For probing applications, the arm can be used without power supply thanks to its integrated battery and with a wireless connection.

Current **KREON** 3D laser scanners (**Zephyr II** and **Solano**) are integrated with the **KREON ACE** arm.

Scanners and probes are plug-and-play and can be used with a lot of application software (Metrolog, Polyworks, Geomagic, PowerInspect, Rapidform, Capps...).

TECHNICAL SPECIFICATIONS

Arm model	Axis	Working volume	Probing performance		Scanning performance	
			Single point repeatability	Volumetric accuracy	ACE + Zephyr II (250000 pts/sec)	ACE + Solano (40000 pts.sec)
ACE-7-20	7	2 m	0.022 mm	0.032 mm	0.042 mm	0.052 mm
ACE-7-25	7	2,50 m	0.027 mm	0.038 mm	0.048 mm	0.058 mm
ACE-7-30	7	3 m	0.042 mm	0.057 mm	0.067 mm	0.077 mm
ACE-7-35	7	3,50 m	0.054 mm	0.080 mm	0.090 mm	0.100 mm
ACE-7-40	7	4 m	0.069 mm	0.099 mm	0.109mm	0.118 mm
ACE-7-45	7	4,50 m	0.092 mm	0.125 mm	0.134 mm	0.140 mm

All specifications are subject to change without notification

HARDWARE SPECIFICATIONS

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

Humidity: 95%, noncondensing

Power supply: Universal worldwide voltage: 100 – 250 V



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The complete 3D scanning solutions