

RPS

ITOKINTECHNOLOGY

YOUR
REFERENCE IN
ARTICULATED
MEASUREMENT
ARMS



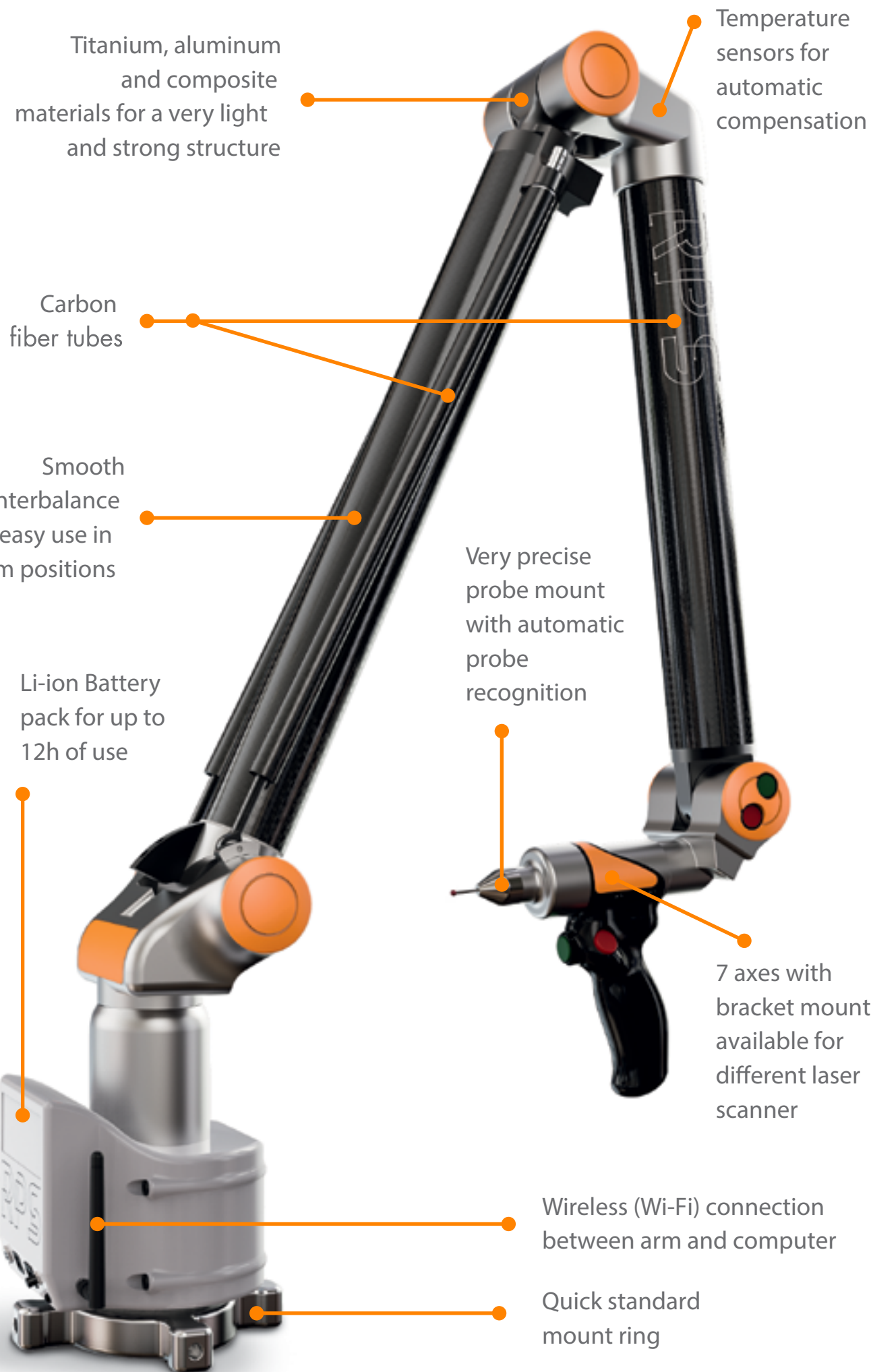
EVO6

The RPS Metrology EVO arms are setting the standard for the new generation articulated measurement arms. It is a portable articulated arm CMM for fast and accurate 3D inspection, directly on the workshop.

EVO arm can be use from anybody and does not require long training. It has no need for calibrations or warm-up time, thanks to its extremely reliable mechanical and electronical design, the automatic temperature compensation and the lightweight structure.

Its made in carbon fiber, aluminum, titanium and other composite materials.

The best of accuracy in portable metrology is represented by the EVO 6 used in tactile probe configuration.



EVO7



The best of flexibility in use is represented by the EVO 7 used both in tactile probe configuration or with Laser Scanners. Whatever scanner your are using now, we can interface it to the EVO 7 arm, and through 3rd party software you can scan with high accuracy any kind of complex surface.

With its standard quick mount (3 ½ inches) it can be used on portable tripods, magnetic base, or any customized mobile support, offers extreme repeatability even in the worse conditions of dust, humidity and temperature.

Portability is the key! EVO arm is a real portable measurement device: it is iequipped with wireless (Wi-Fi) and Li-ion battery pack for 12 hours working time (tactile) and 8 hours with Laser Scanners.

RPS Metrology arms are interfaced with the most popular software for 3D Inspection and Reverse Engineering.

RPS Metrology: your new reference point
in articulated measurement arms

RPS METROLO GY Articulated Measurement Arms, 6 Axes

EVO 6	Measuring Range (dia.)	Volumetric Accuracy (mm) *	Repeatability (mm)*	Weight (Kg)
1.2 - 6 axes	1,2 m	0,018	0,012	7,0
1.8 - 6 axes	1,8 m	0,025	0,018	7,2
2.4 - 6 axes	2,4 m	0,034	0,020	7,5
3.0 - 6 axes	3,0 m	0,045	0,030	7,9
4.0 - 6 axes	4,0 m	0,060	0,037	8,3
5.0 - 6 axes	5,0 m	0,074	0,045	9,0
6.0 - 6 axes	6,0 m	0,087	0,059	11,3
7.0 - 6 axes	7,0 m	0,098	0,073	12,5

All RPS Metrology products are Made in Italy

* We provide accuracy
verification certificate
according international
norms as
ASME B89.4.22-2004
SO10360/2
VDI/VDE2617

RPS METROLO GY Articulated Measurement Arms, 7 Axes

EVO 7	Measuring Range (dia.)	Volumetric Accuracy (mm) *	Repeatability (mm)*	Weight (Kg)
1.8 - 7 axes	1,8 m	0,034	0,016	7,8
2.4 - 7 axes	2,4 m	0,043	0,022	8,1
3.0 - 7 axes	3,0 m	0,055	0,034	8,5
4.0 - 7 axes	4,0 m	0,069	0,040	8,9
5.0 - 7 axes	5,0 m	0,080	0,048	9,6
6.0 - 7 axes	6,0 m	0,092	0,062	11,9
7.0 - 7 axes	7,0 m	0,105	0,076	13,1



ARM CMM

