

## SPACE Plus + Laser Scanners

The only arms certified with the ISO10360-2 norms that allow the verification and the annual calibration and certification at the customer premises by the exclusive TOMELLERI procedures

This system is the combination of a 7 AXES ARM + HI-END Scanner a new family of line-range laser probes that are ideal for complex-profile contour scanning.

There are available three brand of laser scanner:

- the **Perceptron, ScanR-RED and ScanR-GREEN**, laser scanners than capturing from 120000 to 280,000 points per second.
- the **LDI, SLP and XLP**, laser scanners than capturing up to 225,000 points per second;
- the **Nikon, MMCx and MMDx**, laser scanners than capturing from 24000 to 150,000 points per second;

All Laser Scanners can be quickly applied to the rotating 7th axis of the SPACE ARM.



SPACE+SCAN - 7 axes laser scanning arm * =2 sigma error **with mod. SLP-500					
SPACE Plus/EXPLORER + LDI Scanner (for reference only**)	Measuring range	TACTILE Volumetric accuracy*	LASER SCANNER Volumetric accuracy**	Point Repeatability*	Weight (Kg)
SPACE Plus 1.8 – 7 axes	1800mm	<b>0,027</b>	<b>0,055</b>	<b>0,020</b>	9,7
SPACE Plus 2.5 – 7 axes	2500mm	<b>0,034</b>	<b>0,062</b>	<b>0,025</b>	10,2
SPACE Plus 3.2 – 7 axes	3200mm	<b>0,045</b>	<b>0,073</b>	<b>0,030</b>	10,6
SPACE Plus 4.0 – 7 axes	4000mm	<b>0,056</b>	<b>0,084</b>	<b>0,035</b>	11,3
EXPLORER 5.0 – 7 axes	5000mm	<b>0,075</b>	<b>0,100</b>	<b>0,045</b>	13,9
EXPLORER 7.0 – 7 axes	4000mm	<b>0,090</b>	<b>0,115</b>	<b>0,060</b>	15,4
EXPLORER 9.0 – 7 axes	9000mm	<b>0,110</b>	<b>0,135</b>	<b>0,075</b>	17,9



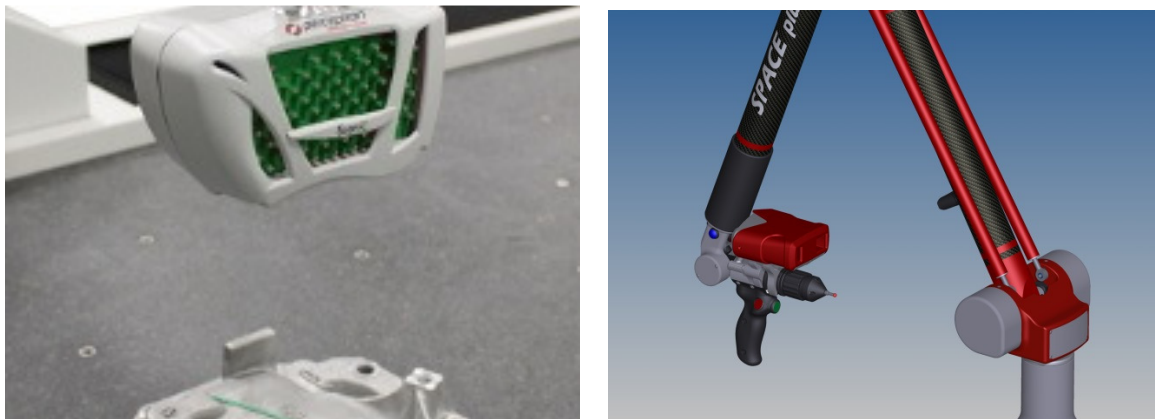
# TOMELLERI ENGINEERING – SPACE Arms



LDI SLP scanners



Nikon MMC scanners



the new Perceptron ScanR and the prototype of LDI XLP scanners

**ALL the SPACE arms products are MADE IN ITALY.**



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