

KREON 3D SCANNERS COMPARISON

										
Kreon scanners	Skyline EYES	Skyline WIDE	Skyline XTRA WIDE	Skyline OPEN	Solano Blue	Zephyr III 300	Zephyr III 150	Zephyr III 50	Zephyr II Blue	Solano CMM
MACHINE INTERFACE	ACE AND ONYX ARMS (7 axis)				ACE 7 AXIS	CMMs, KREON ACE ARMS, CNC, ROBOTS				CMM
	The most accurate	The fastest	The fastest on large parts	The most affordable	The entry-level solution for arms	High productivity on CMM	High productivity on CMM	High accuracy on CMM	Versatility for all needs	The entry-level solution for CMMs
Scanning speed pts/sec	600.000 	600.000 	600.000 	200.000 	50.000 	600.000 	600.000 	600.000 	250.000 	40.000
Accuracy (2σ)	9 μm 	15 μm 	28 μm 	15 μm 	25 μm 	14 μm 	14 μm 	5 μm 	10 μm 	30 μm
Laser line length	100 mm 	200 mm 	300 mm 	100 mm 	100 mm 	150 mm 	150 mm 	50 mm 	70 mm 	100 mm
Frequency	300 Hz 	300 Hz 	300 Hz 	200 Hz 	90 Hz 	300 Hz 	300 Hz 	300 Hz 	250 Hz 	90 Hz
Résolution	25 μm 	50 μm 	60 μm 	50 μm 	140 μm 	50 μm 	50 μm 	15 μm 	50 μm 	140 μm
Stand-off distance	90 mm	85 mm	100 mm	85 mm	100 mm	85 mm	85 mm	95 mm	75 mm	50 mm
Field of view	80 mm	110 mm	135 mm	110 mm	100 mm	110 mm	110 mm	40 mm	75 mm	100 mm
Probe compatibility	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200	Hard probe TP2/20/200
Size mm	145 x 100 x 85	145 x 100 x 85	148 x 103 x 81	148 x 103 x 81	141 x 107 x 58	145 x 130 x 80	145 x 130 x 80	145 x 130 x 80	145 x 113 x 87	141 x 107 x 70
Weight	390 g	390 g	390 g	390 g	380 g	400 g	400 g	400 g	480 g	380 g
PC connection	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	USB	Ethernet
Laser	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Blue, class 2M	Red, class 2M
CMM compatibility	No	No	No	No	No	Yes According to CMM specs	Yes According to CMM specs	Yes According to CMM specs	Yes According to CMM specs	Yes According to CMM specs

