

Manufacturer	Model	Accuracy	Range	Measurement speed	Weight
Artec3d	Artec Eva	0.1 mm	0.4 – 1 m	2 000 000 points/s	0.85 kg
Artec3d	Artec L™	0.2 mm	0.8 – 1.6 m	288,000 points/s	2.3 kg
Artec3d	Artec S™	0,05 mm	0.15 – 0.25 m	288,000 points/s	1.6 kg
Creaform3d	Go!SCAN 3D	Up to 0.100 mm Volumetric Accuracy: 0.300 mm/m	0.3 m – 3.0 m	550,000 points /sec.	1.1 kg
Creaform3d	Handyscan 3D REVscan	Up to 0.050 mm Volumetric Accuracy: 0.020 mm + 0.200 mm/m	Stand-Off Distance : 300 mm Depth of Field ± 150 mm	18,000 points/sec	980 g
Creaform3d	Handyscan 3D EXAscan	Up to 0.040 mm Volumetric Accuracy: 0.020 mm + 0.100 mm/m	Stand-Off Distance : 300 mm Depth of Field ± 150 mm	25,000 points/sec	1.25 kg
Creaform3d	Handyscan 3D MAXscan	Up to 0.050 mm Volumetric Accuracy: 0.020 mm + 0.025 mm/m	Stand-Off Distance : 300 mm Depth of Field ± 150 mm	18,000 points/sec	1.27 kg
Creaform3d	Handyscan 3D VIUscan	Up to 0.050 mm Volumetric Accuracy: 0.020 mm + 0.200 mm/m	Stand-Off Distance : 300 mm Depth of Field ± 150 mm	18,000 points/sec	1.3 kg
Creaform3d	MetraSCAN 70	Volumetric Performance: 0.085 mm if L ⁽²⁾ ≤ 1.2 m 0.055 mm + 0.025 mm/m if L > 1.2 m	Stand-Off Distance : 152 mm Depth of Field: ± 50 mm	36,000 measures /sec.	1.85 kg
Creaform3d	MetraSCAN 210	Volumetric Performance: 0.085 mm if L(2) ≤ 1.2 m 0.055 mm + 0.025 mm/m if L > 1.2 m	Stand-Off Distance : 300 mm Depth of Field: ± 100 mm	36,000 measures /sec.	1.85 kg
Hexagon Metrology	CMS 106	Sensor accuracy: MPE 20µm	Standoff 170±30mm	Measuring rate: max 53 Hz Points per line: max 2000	Sensor weight: 382g
Hexagon Metrology	CMS 108	Sensor accuracy: MPE 30µm	Standoff 180±40mm	Measuring rate: max 53 Hz Points per line: max 2000	Sensor weight: 398g
FARO	Laser ScanArm® V3	±.0014" (±35µm)	Stand-off: 3.75" (95mm) Effective Scan width: Near Field 1.34" (34mm) Far Field 2.36" (60mm) Depth of Field: 3.35" (85mm)	19,200 points/second	370g
Konica Minolta	RANGE 7	(Distance between balls): ±40µm	450mm to 800mm	2 seconds per shot	6.7kg
Konica Minolta	RANGE 5	(Distance between balls): ±80µm	450mm to 800mm	2 seconds per shot	6.7kg
Konica Minolta	threeRivers Virtuoso	±150 µm	760 mm	5 seconds per shot	2kg
Konica Minolta	VIVID 910	X: ±0.22mm, Y: ±0.16mm, Z: ±0.10mm to the Z reference plane (Conditions: TELE/FINE mode, Konica Minolta's standard)	0.6 to 2.5m (2m for WIDE lens)	2.5 seconds per shot	11kg
Konica Minolta	VIVID 9i	±0.05 mm (Using TELE lens at distance of 0.6 m, with Field Calibration System, Konica Minolta's standard, at 20°C)	0.6 to 1.0 m (In Standard mode) 0.5 to 2.5 m (In Extended mode)	2.5 seconds per shot	15 kg
Kreon3d	Aquilon	5 µm	Measuring field (mm) : 75 Stand-off distance (mm): 60	1.000.000 points/second	
Kreon3d	Zephyr II	15 µm	Measuring field (mm): 130 Stand-off distance (mm): 95	500.000 points/second	480 g
Kreon3d	Zephyr KZ-25	15 µm	Measuring field (mm): 50 Stand-off distance (mm): 90	30.000 points/second	360 g
Kreon3d	Zephyr KZ-50	25 µm	Measuring field (mm): 107 Stand-off distance (mm): 100	30.000 points/second	360 g

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Kreon3d	Zephyr KZ-100	35 µm	Measuring field (mm): 107 Stand-off distance (mm): 80	30.000 points/second	360 g
Kreon3d	Solano SL-100	30 µm	Measuring field (mm) : 100 Stand-off distance (mm): 100	40.000 points/second	<400 g
Kreon3d	Solano LITE SLL-100	40 µm	Measuring field (mm) : 100 Stand-off distance (mm): 100	24.000 points/second	<400 g
Kreon3d	Skiron	50 µm	Measuring field (mm) : 65 Stand-off distance (mm) : 100	45.000 points/second	<260 g
Laser Design Inc.	SLP-250	10µm	Depth of field: 38 mm Standoff distance: Far 110 mm	(points, full field activated, 4mS exp) 75,000 total points per sec.	500 g
Laser Design Inc.	SLP-330	25µm	Depth of field: 76 mm Standoff distance: Far 170 mm	(points, full field activated, 4mS exp) 48,000 total points per sec.	400 g
Laser Design Inc.	SLP-450	31µm	Depth of field: 171 mm Standoff distance: Far 242 mm	(points, full field activated, 4mS exp) 48,000 total points per sec.	400 g
Laser Design Inc.	SLP-2000	127 µm	Depth of field: 289 mm Standoff distance: Far 508 mm	(points, full field activated, 4mS exp) 75,000 total points per sec.	672 g
Nikon	LC15Dx	2.5µm		70,000 points/sec	370g
Nikon	LC60Dx	9µm	Stand off distance: 95mm	75,000 points/sec	390g
Nikon	LC50Cx	20µm	Stand off distance: 95mm	37,500 points/sec	380g
Nikon	XC65D	15µm	Stand off distance: 75mm	Cross Scanner mode: 3 x 25,000 pts/s Line scanner mode: 1 x 75,000pts/s 75 lines/s	440g
Nikon	XC65D-LS	20µm	Stand off distance: 75mm	Cross Scanner mode: 3 x 25,000 pts/s Line scanner mode: 1 x 75,000pts/s 75 lines/s	480g
Nikon	MMDx50	7 µm	50 mm	Max. data rate (Hz): 150 Points per stripe: 1.000	400 (+/-20) g
Nikon	MMDx100	10 µm	100 mm	Max. data rate (Hz): 150 Points per stripe: 1.000	400 (+/-20) g
Nikon	MMDx200	16 µm	150 mm	Max. data rate (Hz): 150 Points per stripe: 1.000	400 (+/-20) g
Nikon	MMCx80	23 µm	100 mm	Max. data rate (Hz): 30 Points per stripe: 800	400 (+/-20) g
Nikon	MMCx160	35 µm	150 mm	Max. data rate (Hz): 30 Points per stripe: 800	400 (+/-20) g
Perceptron	ScanWorks V3	0.0340 mm	Stand off : 144 mm Depth of field: 75 mm	23040 points/second	340 g
Perceptron	ScanWorks V4i	0.0240 mm	Stand off : 118 mm Depth of field: 109 mm	23040 points/second	340 g

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Perceptron	ScanWorks V5	0.0240 mm	Stand off : 118 mm Depth of field: 109 mm	23040 points/second	340 g
Ndi	VicraSCAN	Up to 40 µm	Stand off : 150 mm Depth of field: 300 mm	14,580 points/second	790 g
Gom	ATOS Compact Scan 2M	Camera Pixels: 2 x 2 000 000	Working Distance: 450 - 1200 mm		4 kg
Gom	ATOS Compact Scan 5M	Camera Pixels: 2 x 5 000 000	Working Distance: 450 - 1200 mm		4 kg
Gom	ATOS II Triple Scan	Camera Pixels: 2 x 5 000 000	Working Distance: 490 - 2000 mm		
Gom	ATOS III Triple Scan	Camera Pixels: 2 x 8 000 000	Working Distance: 490 - 2000 mm		
Gom	ATOS Triple Scan 12M	Camera Pixels: 2 x 12 000 000	Working Distance: 490 - 830 mm		