

Shining 3D Metrology 3D Scanner Comparison

	FreeScan Combo	FreeScan UE11	FreeScan UE Pro	FreeScan Trio	AutoScan Inspec
Light Source(s)	26 lines + 1 blue laser line OR 7 lines Infrared	22 lines + 1 line blue laser	26 lines + 1 laser line OR 5 lines	98, 26, 7 or 1 blue laser line(s)	Blue Light
Accuracy	up to 0.02 mm	up to 0.02 mm	up to 0.02 mm	up to 0.02 mm	≤ 0.01 mm
Volumetric Accuracy	0.02 ± 0.033 mm/m	0.02 + 0.04 mm/m	0.02 + 0.03 mm/m (std mode); 0.02 + 0.015 mm/m (built-in photogrammetry mode)	0.02 + 0.03 mm/m (std mode); 0.02 + 0.015 mm/m (built-in photogrammetry mode)	n/a
Point Distance	0.05 to 3.0 mm	0.05 to 3.0 mm	0.05 to 3.0 mm	0.05 to 3.0 mm	0.01 to 3.0 mm
Scan Speed	1,860,000 points/s	1,020,000 points/s	1,850,000 points/s	3,010,000 points/s	n/a
Working Distance	300 mm or 200 mm	500 mm	300 mm or 200 mm	300 mm or 200 mm	n/a
Integrated Photogrammetry			Yes	Yes	

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