

Type		SIMSCAN 42	SIMSCAN 30	SIMSCAN 22
Scan mode	Ultra-fast scanning	17 blue laser crosses	11 blue laser crosses	7 blue laser crosses
	Hyperfine scanning	7 blue parallel laser lines		
	Deep hole scanning	1 extra blue laser line		
Accuracy		Up to 0.020 mm (0.0008 in)		
Scanning rate up to		2,800,000 measurements/s	2,020,000 measurements/s	1,250,000 measurements/s
Scanning area up to		700 mm × 600 mm (27.6 in × 23.6 in)	650 mm × 550 mm (25.6 in × 21.7 in)	
Laser class		CLASSII		
		(eye-safe)		
Resolution up to		0.020 mm (0.0008 in)		
Volume accuracy	Standard	0.015 mm + 0.035 mm/m (0.0006 in + 0.0004 in/ft)		
	Paired with MSCAN-L15	0.015 mm + 0.012 mm/m (0.0006 in + 0.00014 in/ft)		
Stand-off distance		300 mm (11.8 in)		
Depth of field		550 mm (21.7 in)		
Output formats		.stl, .obj, .ply, .asc, .igs, .txt, .mk2, .umk and etc.		
Operating temperature range		-10°C -40°C (14°F -104°F)		
Interface mode		USB 3.0		
Dimensions		203 mm × 80 mm × 44 mm (8.0 in × 3.1 in × 1.7 in)		
Weight		570 g (1.26 lb)		
Patents		CN204329903U, CN104501740B, CN204854633U, CN204944431U, CN204902788U, CN105068384B, CN105049664B, CN204902784U, CN204902785U, CN106403845B, CN110030946B, CN212300269U, CN211904059U, CN211696268U, CN306053019S, CN212606697U, CN306321502S		

(1) ISO 17025 accredited: Based on VDI/VDE 2634 Part 3 standard and JJF 1951 specification, probing error (size) (PS) performance is evaluated.

(2) ISO 17025 accredited: Based on VDI/VDE 2634 Part3 standard and JJF 1951 specification, sphere spacing error (SD) performance is evaluated.