

## SimScan 42 Technical Specifications

Type		SIMSCAN 42
Scan mode	Ultra-fast scanning	17 blue laser crosses
	Hyperfine scanning	7 blue parallel laser lines
	Deep hole scanning	1 extra blue laser line
Accuracy(1)		Up to 0.020 mm
Scanning rate up to		2,800,000 measurements/s
Scanning area up to		700 mm × 600 mm
Laser class		CLASSII (eye-safe)
Resolution up to		0.020 mm
Volume accuracy(2)	Standard	0.015 mm + 0.035 mm/m
	Paired with MSCAN-L15	0.015 mm + 0.012 mm/m
Stand-off distance		300 mm
Depth of field		550 mm
Output formats		.stl, .obj, .ply, .asc, .igs, .txt, .mk2, .umk and etc.
Operating temperature range		-10°C-40°C
Interface mode		USB 3.0
Dimensions		203 mm × 80 mm × 44 mm
Weight		570 g