

# ZScanner Technical Specifications

	ZScanner™ 700	ZScanner™ 800
Applications	Reverse Engineering, Design, Manufacturing, Digital Mockups, Simulations	Reverse Engineering, Design, Manufacturing, Digital Mockups, Simulations, 3D Inspection Applications
Weight	0.98 kg (2.1 lbs)	1.25 kg (2.75 lbs)
Dimensions	160 x 260 x 210 mm (6.2 x 10.2 x 8.2 inches)	171 x 260 x 216 mm (6.75 x 10.2 x 8.5 inches)
Sampling Speed	18,000 measurements / second	25,000 measurements / second
Number of Cameras	2	3
Laser	Class II (eye safe)	Class II (eye safe)
XY Accuracy	Up to 50 microns (Up to 0.0019 inches)	Up to 40 microns (Up to 0.0015 inches)
Resolution	0.1 mm in Z (0.0039 inches in Z)	0.05 mm in XYZ (0.0019 inches in XYZ)
ISO	20 µm + 0.2 L / 1000	20 µm + 0.1 L / 1000
Exported File Formats	.stl, .txt	.stl, .txt
Regulatory Compliance	CE	CE
Data Transfer	Firewire	Firewire
Power Source	Firewire	Firewire
Laptop Compatibility	Intel® Core™ 2 Duo processor, 1GB RAM, NVIDIA Quadro NVS 320M graphics (256 MB dedicated video memory) required with Windows Vista® Business or Windows® XP Professional	Intel® Core™ 2 Duo processor, 2GB RAM, NVIDIA Quadro NVS 320M graphics (256 MB dedicated video memory) required with Windows Vista® Business or Windows® XP Professional