



	HandySCAN 300™	HandySCAN 700™
WEIGHT	0.85 kg (1.9 lbs.)	
DIMENSIONS	77 x 122 x 294 mm (3.0 x 4.8 x 11.6 in.)	
MEASUREMENT RATE	205,000 measurements/s	480,000 measurements/s
SCANNING AREA	225 x 250 mm (8.8 x 9.8 in.)	275 x 250 mm (10.8 x 9.8 in.)
LIGHT SOURCE	3 laser crosses	7 laser crosses (+1 extra line)
LASER CLASS	2M (eye-safe)	
RESOLUTION	0.100 mm (0.0039 in.)	0.050 mm (0.0020 in.)
ACCURACY	Up to 0.040 mm (0.0016 in.)	Up to 0.030 mm (0.0012 in.)
VOLUMETRIC ACCURACY*	0.020 mm + 0.100 mm/m (0.0008 in. + 0.0012 in./ft)	0.020 mm + 0.060 mm/m (0.0008 in. + 0.0007 in./ft)
VOLUMETRIC ACCURACY (WITH MaxSHOT 3D)*	0.020 mm + 0.025 mm/m (0.0008 in. + 0.0003 in./ft)	
STAND-OFF DISTANCE	300 mm (11.8 in.)	
DEPTH OF FIELD	250 mm (9.8 in.)	
PART SIZE RANGE (RECOMMENDED)	0.1 – 4 m (0.3 – 13 ft)	

	HandySCAN 300™	HandySCAN 700™
SOFTWARE	VXelements	
OUTPUT FORMATS	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr	
COMPATIBLE SOFTWARE	3D Systems (Geomagic® Solutions), InnovMetric Software (PolyWorks), Dassault (CATIA V5 and SolidWorks), PTC (Pro/ENGINEER), Siemens (NX and Solid Edge), Autodesk (Inventor, Alias, 3ds Max, Maya, Softimage).	
CONNECTION STANDARD	1 X USB 3.0	
OPERATING TEMPERATURE RANGE	5-40 °C (41-104 °F)	
OPERATING HUMIDITY RANGE (NON-CONDENSING)	10-90%	