

CREAFORM HANDYSCAN 700

THE CREAFORM HANDYSCAN 700 OFFERS INCREASED ACCURACY AND RESOLUTION. IT IS THE MOST VERSATILE 3D SCANNER ON THE MARKET FOR INSPECTION AND DEMANDING REVERSE ENGINEERING.

- Portable, hand held and self positioning
- Professional Grade
- 480,000 measurements/second
- Multi-Line and Single Line Laser Mode



Creaform HandySCAN 700 - Silver Series

ACCURACY		Up to 0.030 mm (0.0012 in.)
VOLUMETRIC ACCURACY		0.020 mm + 0.060 mm/m (0.0008 in. + 0.0007 in./ft)
VOLUMETRIC ACCURACY WITH MAXSHOT 3D (3)	MaxSHOT Next	0.020 mm + 0.025 mm/m (0.0008 in + 0.0003 in/ft)
	MaxSHOT Next Elite	0.020 mm + 0.015 mm/m (0.0008 in + 0.00018 in/ft)
RESOLUTION		0.050 mm (0.0020 in.)
SCANNING AREA		275 x 250 mm (10.8 x 9.8 in.)
STAND-OFF DISTANCE		300 mm (11.8 in.)
DEPTH OF FIELD		250 mm (9.8 in.)
LIGHT SOURCE		7 laser crosses (+ 1 extra line)
LASER CLASS		2M (eye-safe)
MEASUREMENT RATE		480,000 measurements/s
WEIGHT		0.85 kg (1.9 lbs.)
DIMENSIONS (LxWxH)		77 x 122 x 294 mm (3.0 x 4.8 x 11.6 in.)
PART SIZE RANGE (recommended)		0.1 – 4 m (0.3 – 13 ft)
SOFTWARE		VXelements
OPERATING TEMPERATURE RANGE		5–40°C (41–104°F)
OPERATING HUMIDITY RANGE (non-condensing)		10–90%
Compatible Software		3DSystems(Geomagic®Solutions),InnovMetricSoftware(PolyWorks),Dassault (CATIAV5andSolidWorks),PTC(Pro/ENGINEER),Siemens(NXandSolidEdge), Autodesk (Inventor, Alias, 3ds Max, Maya, Softimage).
Output Formats		.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr

*Based on the ISO 10360 standard, volumetric accuracy is defined as a size-dependent value.