

CREAFORM METRASCAN 357

WITH ITS EXTENDABLE MEASURING VOLUME, INCREDIBLE SPEED, SHOP-FLOOR ACCURACY AND IMPRESSIVE CAPABILITIES ON CHALLENGING MATERIALS, THE METRASCAN 3D REPRESENTS THE MOST COMPLETE METROLOGY-GRADE 3D SCANNER ON THE MARKET.

- Metrology-grade measurements: accuracy of up to 0.040 mm (0.0016 in.)
- Part size of 0.2 to 6 meters (0.7 to 20 feet)
- 480,000 measurements/second
- Scan any type of material, even black, multicolored and shiny surfaces



Creaform MetraSCAN 357		
ACCURACY		Up to 0.040 mm (0.0016 in.)
VOLUMETRIC ACCURACY	9.1 m3 (320 ft3)	0.086 mm (0.0034 in.)
	16.6 m3 (586 ft3)	0.122 mm (0.0048 in.)
VOLUMETRIC ACCURACY WITH MAXSHOT 3D	MaxSHOT Next Elite	0.060 mm + 0.015 mm/m (0.0024 in + 0.00018 in/ft)
RESOLUTION		0.200 mm (0.0078 in.)
SCANNING AREA		275 x 250 mm (10.8 x 9.8 in.)
STAND-OFF DISTANCE		300 mm (11.8 in.)
DEPTH OF FIELD		200 mm (9.8 in.)
LIGHT SOURCE		7 laser crosses (+ 1 extra line)
LASER CLASS		2M (eye-safe)
MEASUREMENT RATE		480,000 measurements/s
WEIGHT		1.38 kg (3.0 lbs.)
DIMENSIONS (LxWxH)		289 x 235 x 296 mm (11.4 x 9.3 x 11.7 in.)
PART SIZE RANGE (recommended)		0.2–6 m (0.7–20 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.