RAPID3D™ TECHNOLOGY SOLUTIONS

TECHNICAL SPECIFICATIONS

GO!SCAN SPARK

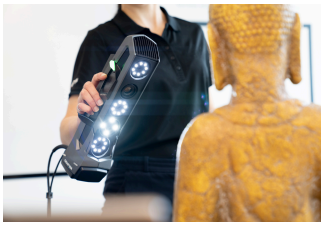
THE CREAFORM GO!SCAN SPARK OFFERS THE FASTEST AND EASIEST 3D SCANNING EXPERIENCE ON THE MARKET. PORTABLE, FAST, ACCURATE, HIGH RESOLUTION AND EASY TO USE.

- Portable, handheld and self positioning
- White Light and able to capture colour/texture of object
- 1,500,000 measurements/s
- Fast, accurate and easy to use

2025 STRATEGIC PARTNER

CREAFORM

AMETEK



Creaform Go!SCAN Spark		
ACCURACY	Up to 0.050 mm (0.0020 in)	
VOLUMETRIC ACCURACY (1)	0.050 mm + 0.150 mm/m (0.0020 in + 0.0018 in/ft)	
MEASUREMENT CAPABILITIES	pin hole step wall	1.25 mm (0.0492 in) 2.50 mm (0.0984 in) 0.050 mm (0.0020 in) 0.75 mm (0.0295 in)
MEASUREMENT RESOLUTION	0.100 mm (0.0039 in)	
MESH RESOLUTION	0.200 mm (0.0078 in)	
SCANNING AREA	390 x 390 mm (15.4 x 15.4 in)	
STAND OFF DISTANCE	400 mm (15.7 in)	
DEPTH OF FIELD	300 mm (11.8 in)	
LIGHT SOURCE	White light (99 stripes)	
POSITIONING METHOD	Geometry and/or color and/or targets	
MEASUREMENT RATE	1,500,000 measurements/s	
PART SIZE RANGE (RECOMMENDED)	0.1–4 m (0.3–13 ft)	
WEIGHT	1.25 kg (2.7 lb)	
DIMENSTIONS (LXWXH)	89 x 114 x 346 mm (3.5 x 4.5 x 13.6 in)	
CERTIFICATIONS	EC Compliance (Electromagnetic Compatibility Directive, Low Voltage Directive), compatible with rechargeable batteries (when applicable), IP50, WEEE	
SOFTWARE INCLUDED	Creaform.OS	
OPERATING TEMPERATURE RANGE	5–40°C (41–104°F)	
OPERATING TEMPERATURE RANGE (NON-CONDENSING)	10–90%	
COMPATIBLE SOFTWARE	3D Systems (Geomagic® Solutions), InnovMetric Software (PolyWorks), Metrologic Group (Metrolog X4), New River Kinematics (Spatial Analyzer), Verisurf, Dassault Systèmes (CATIA V5, SOLIDWORKS), PTC (Creo), Siemens (NX, Solid Edge), Autodesk (Inventor, PowerINSPECT)	
OUTPUT FORMATS	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .zpr, .3mf	

1. Performance with positioning targets or with an object presenting adequate geometry/color texture for positioning. Performance is assessed with traceable length artefacts using positioning targets.