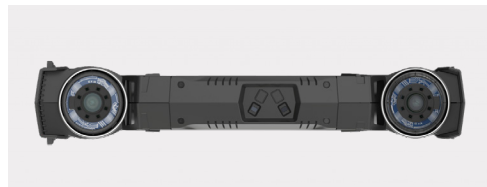# TECHNICAL SPECIFICATIONS

SCAN • MODEL • INSPECT

HANDYSCAN MAX

THE HANDYSCAN 3D LINE-UP IS KNOWN AS THE INDUSTRY STANDARD IN PORTABLE METROLOGY-GRADE 3D SCANNERS. COMBINING THE INHERENT BENEFITS OF THE HANDYSCAN 3D. THE MAX SERIES IS OPTIMIZED TO ACQUIRE HIGHLY ACCURATE 3D MEASUREMENTS ON LARGE AND COMPLEX PARTS WITH NO SURFACE PREPARATION REQUIRED.

• Portable, hand held and self positioning
• Blue Laser Technology for versatility
• Fast, accurate and easy to use
• ISO 17025 accredited based on VDI/VDE 2634 part 3 standard

Creaform HandySCAN MAX			
Accuracy	0.150 mm (0.0059 in)		
Volumetric Accuracy	0.200 mm + 0.030 mm/m (0.0079 in + 0.00032 in/ft)		
Measurement Capabilities (at a working distance of 0.5 m (1.65 ft)	Pin		2.50 mm (0.0984 in)
	Hole		3.50 mm (0.1378 in)
	Step		0.04 mm (0.0016 in)
	Wall		2.00 mm (0.0787 in)
Mesh Resolution	0.400 mm (0.0016 in)		
Working Distance	0.45-1.60 m (1.5-5.2 ft)		
Depth of Field	1.15m (3.8 ft)		
Scanning Area	1 x 1m (3.3 x 3.3 ft)		
Light Source	38 blue laser lines		
Laser Class	2M (eye-safe)		
Measurement Rate	2,250,000 measurements/s		
Part size range (recommended)	1–10 m (3.3–32.8 ft)		
Weight	1.22 kg (2.7 lb)		
Dimenstions (LxWxH)	133 x 79 x 435 mm (5.2 x 3.1 x 17.1 in)		
Certifications	EC Compliance (Electromagnetic Compatibility Directive, Low Voltage Directive), compatible with rechargeable batteries (when applicable), IP50, WEEE		