

Proven and Trusted Professional 3D Scanners at an Accessible Price

HandySCAN 3D

SILVER Series



The SILVER Series is part of the HandySCAN 3D™ lineup, the industry standard in portable metrology-grade 3D scanners. This proven and trusted patented technology captures accurate and repeatable 3D measurements of any complex surface and in any location.

The HandySCAN 3D | SILVER Series is optimized to meet the needs of technology innovators and engineering professionals looking for a powerful, accessible, and reliable way to improve product development, shorten time-to-market, and reduce development costs.



Proven and trusted solution
More than 5000 users around the world

Best price / performance option

Worldwide repairs and customer support





Powerful and Intuitive Software for an Optimal User Experience

VXelements is a powerful integrated 3D software platform that works in complete synergy with the entire fleet of Creaform's 3D measuring devices. With VXelements, both 3D data acquisition as well as post-treatment and analyses occur in the same intuitive interface to guarantee an optimal user experience, seamless interaction with the device, and the shortest time to a usable mesh, 3D model, or inspection report.

Acquisition modules are included with every measurement device from Creaform. They provide real-time visualization and produce better data quality from 3D measurements, making the results user-independent and maximizing device performance. Application modules are available as add-ons to process and optimize 3D scan data for diverse applications, including creating digital twins, product development, reverse engineering, inspections, and dynamic tracking.



Technical Specifications

	HandySCAN SILVER™	HandySCAN SILVER™ Elite
ACCURACY ⁽¹⁾	Up to 0.040 mm (0.0016 in)	Up to 0.030 mm (0.0012 in)
VOLUMETRIC ACCURACY ⁽²⁾ (based on part size)	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)
MEASUREMENT CAPABILITIES (at a working distance of 0.3 m (1 ft))		
 Pin	1.00 mm (0.0393 in)	
 Hole	1.50 mm (0.0591 in)	
 Step	0.030 mm (0.0012 in)	
 Wall	0.75 mm (0.0295 in)	
LIGHT SOURCE ⁽³⁾	14 blue laser lines	14 blue laser lines (+ 1 extra line)
SCANNING AREA	310 x 350 mm (12.2 in x 13.8 in)	
PART SIZE RANGE (recommended)	0.05–4 m (0.15–13.1 ft)	
WEIGHT	0.94 kg (2.1 lb)	

(1) Typical value for diameter measurements on a calibrated sphere artefact.

(2) Value for sphere spacing measurement on a calibrated length artefact. Results are obtained using integrated photogrammetry with volumetric accuracy optimization.

(3) Laser class: 2M (eye safe).

