3D SCANNING EQUIPMENT & CAPABILITIES

HandySCAN SILVER handheld 3D scanner

The Creaform HandySCAN SILVER is a proven, metrology-grade handheld laser scanner offering the best price-to-performance in the HandySCAN 3D line. With blue laser technology and traceable accuracy, it captures reliable, repeatable measurements of complex parts — anywhere, on any surface — for reverse engineering and inspection work.



HandySCAN SILVER

Blue Laser · 0.040 mm Accuracy · 14 Laser Lines · Traceable Certificate

AVAILABLE NOW FROM D2 RENTALS — FUNCTION-CHECKED, COMPLETE, FIELD-READY.

Proven accuracy. Blue laser reliability. Best value.

Scanner Capabilities

Blue Laser · 14 Lines · Handheld

- Blue laser technology — 14 blue laser lines capture geometry quickly and reliably across a 310 × 350 mm scanning area, including on complex and difficult surfaces.
- Accuracy up to 0.040 mm — metrology-grade dimensional capture for inspection and reverse engineering.
- Volumetric accuracy 0.020 mm + 0.100 mm/m — reliable results that hold up across larger parts.
- Traceable certificate — each scanner delivered with a personalised certification and documented test results.
- Laser class 2M (eye-safe) — use in open workshop environments without controlled-area laser restrictions.
- Dynamic referencing — both scanner and part can move freely during scanning; no tripod or external tracking device required.
- Set-up in under 2 minutes — self-positioning via reflective targets, suitcase-portable at 0.94 kg.
- Best price / performance in the HandySCAN 3D line — proven, trusted technology used by thousands of users worldwide.

Applications

Built for inspection & reverse engineering

- Reverse engineering — capture existing components as accurate CAD reference models where no drawings exist.
- Quality control & inspection — compare as-built parts against CAD to verify dimensional conformance.
- Product development & design — measure complex surfaces to validate designs and shorten time to market.
- Maintenance, repair & overhaul — digitise worn or legacy parts for refurbishment and remanufacture.
- Non-destructive testing support — capture surface geometry for integrity and condition assessment.
- Automotive & general industry — versatile across part sizes from 0.05 m up to 4 m.
- Difficult surfaces — reliable results on complex geometry regardless of finish or colour.
- Digital archiving — accurate 3D records for documentation and downstream reuse.

Technical Specifications

Technology	Blue laser (14 lines)	**Accuracy**	Up to 0.040 mm (0.0016 in)
Volumetric acc.	0.020 mm + 0.100 mm/m	**Laser class**	2M (eye-safe)
Positioning	Reflective target triangulation	**Scanning area**	310 × 350 mm
Part size range	0.05–4 m (recommended)	**Weight**	0.94 kg (2.1 lb)
Operating temp.	5–40 °C	**Certifications**	IP50, EC, WEEE
Acceptance test	VDI/VDE 2634 part 3	**Software**	VXelements
Output formats	.dae .fbx .ma .obj .stl .txt .wrl .x3d .zpr .3mf		

> Hiring this scanner is more cost-effective than an outright purchase — and lets you access metrology-grade 3D scanning only when your project needs it.

WHAT DO I NEED TO BOOK A RENTAL?

Provide us with some key documents — then enjoy your hire.

01 Insurance

Insure your rental under a Hired-in (non-owned) equipment cover policy — to the full cost value of the equipment and for the duration of your hire period.

02 Proof of ID

Submit a copy of your passport or driving licence, plus a utility, bank, or council tax statement that matches your name and delivery address.

03 Contact for Quote

No pricing is shown for this equipment. Contact D2 Rentals for availability and a bespoke quote based on your project and hire duration.

READY WHEN YOU ARE

Available now from D2 Rentals — function-checked, complete, and field-ready.

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