

HANDY3D SCAN™

AUTHORIZED DISTRIBUTOR:

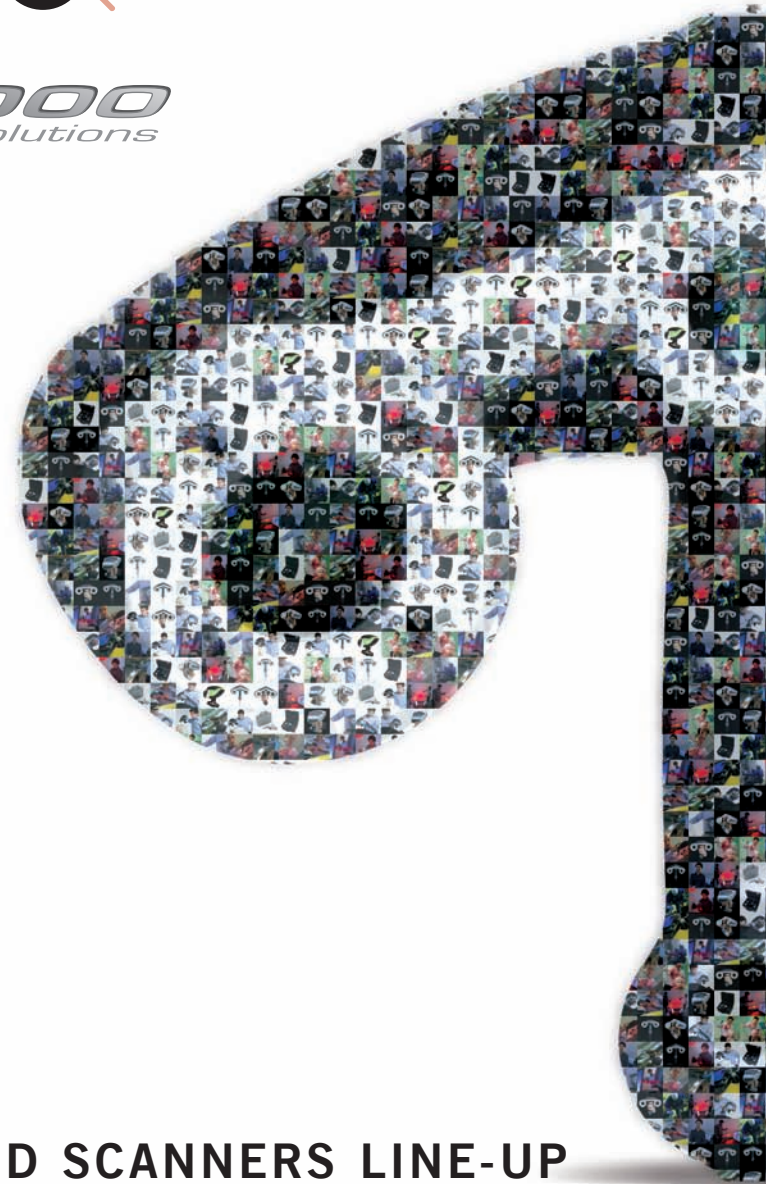
PROTO3000
3D Engineering Solutions






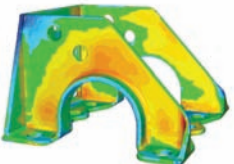
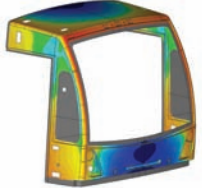

CREAFORM HAS DEVELOPED AND MANUFACTURES THE REVOLUTIONIZING **HANDYSCAN 3D** LINE-UP OF 3D **HAND-HELD** AND **SELF-POSITIONING** LASER SCANNERS.





THIS **EASY-TO-USE** AND **TRULY PORTABLE** TECHNOLOGY HAS COMPLETELY CHANGED THE WAY **3D SCANNING**, **REVERSE ENGINEERING** AND **INSPECTION** ARE DONE. NOWADAYS, **THE HANDYSCAN 3D SCANNERS** ARE WIDELY USED IN INDUSTRIES AS DIVERSE AS:

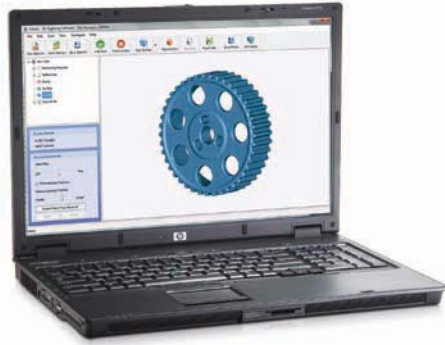
- AEROSPACE
- AUTOMOTIVE
- MEDICAL CARE
- MANUFACTURING
- EDUCATION
- ENTERTAINMENT
- HERITAGE PRESERVATION
- CONSUMER PRODUCTS

3D SCANNERS LINE-UP



HANDYSCAN 3D COMPARISON MATRIX					
KEY DIFFERENCE FACTORS		AFFORDABLE PRICE \$, VERY STRAIGHTFORWARD USE	HIGH RESOLUTION AND ACCURACY	HIGH ACCURACY FOR LARGE PARTS	COLOR
APPLICATIONS	REVERSE ENGINEERING, STYLING & DESIGN	++	++	++	++
	INSPECTION	+	+++	+++	+
	FEA/CFD	++	++	++	+
	3D VIRTUAL REPRESENTATION IN COLOR				+++
	TECHNICAL DOCUMENTATION	++	++	++	++
INDUSTRIES	AUTOMOTIVE	✓	✓	✓	✓
	ARCHAEOLOGY & MUSEOLOGY				✓
	ARCHITECTURE				✓
	AEROSPACE	✓	✓	✓	✓
	CONSUMER PRODUCTS	✓	✓	✓	✓
	MANUFACTURING	✓	✓	✓	✓
	MULTIMEDIA & ENTERTAINMENT				✓
SAMPLE					

TECHNICAL SPECIFICATIONS				
WEIGHT	980 grams (2.1 lb)	1.25 kg (2.75 lb)	1.27 kg (2.80 lb)	1.3 kg (2.85 lb)
DIMENSIONS	160 x 260 x 210 mm (6.25 x 10.2 x 8.2 in)	172 x 260 x 216 mm (6.75 x 10.2 x 8.5 in)	172 x 260 x 216 mm (6.75 x 10.2 x 8.5 in)	172 x 260 x 216 mm (6.75 x 10.2 x 8.5 in)
MEASUREMENT	18,000 measures/s	25,000 measures/s	18,000 measures/s	18,000 measures/s
LASER CLASS	II (eye-safe)	II (eye-safe)	II (eye-safe)	II (eye-safe)
RESOLUTION	0.1 mm (0.004 in)	0.05 mm (0.002 in)	0.1 mm (0.004 in)	0.1 mm (0.004 in)
ACCURACY	Up to 50 µm (0.002 in)	Up to 40 µm (0.0016 in)	Up to 50 µm (0.002 in)	Up to 50 µm (0.002 in)
ISO	20 µm + 200 µm/m	20 µm + 100 µm/m	20 µm + 25 µm/m	20 µm + 200 µm/m
DEPTH OF FIELD	30 cm (12 in)	30 cm (12 in)	30 cm (12 in)	30 cm (12 in)
TEXTURE RESOLUTION	N/A	N/A	N/A	50 to 250 DPI
TEXTURE COLORS	N/A	N/A	N/A	24 bits, sRGB-calibrated
OUTPUT FORMATS	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr	.dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr	TEXTURE .ma, .dae, .obj, .x3dz, .x3d, .zpr, .wrl, .fbx NON TEXTURE .ply, .stl, .txt



Each Handyscan 3D scanner is sold with VxScan, Creaform's proprietary data acquisition software that powers the line-up. This software provides automatic 100% accurate texture mapping, real time 3D rendering visualization and adjustable texture contrast and brightness parameters. VxScan is easy to learn and use, and offers powerful options such as enhanced direct surface reconstruction, surface optimization algorithms, improved compatibility (64 bits) and more!

COMPATIBLE SOFTWARE

The Handyscan 3D scanners generate various file formats that are compatible with major CAD/post-processing, inspection and animation software such as:

SOFTWARE PARTNERS



OTHER COMPATIBLE SOFTWARE

- _ Rhino
- _ Siemens Solid Edge
- _ Siemens NX2-3-4-5-6
- _ Autodesk Alias Surface Studio, 3ds Max & Maya
- _ ICEM Surf
- _ CATIA (REE)
- _ PTC Pro/Engineer (REX)
- _ SolidWorks (Premium/Scan to 3D)
- _ Softimage
- _ Autodesk Inventor

PARTNER/MANUFACTURER:

CREAFORM

3D TECHNOLOGY AND DIGITAL SOLUTIONS

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