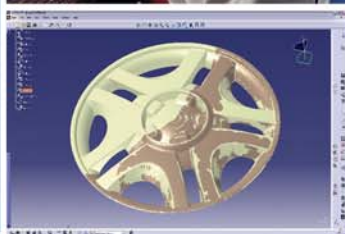


HANDYSCAN 3D™ SPEAKS CATIA V5!

FROM 3D
SCANNING TO
CATIA MODELS
IN ONE SINGLE
PLATFORM

MAKE THE MOST OUT OF **CATIA'S REVERSE
ENGINEERING** SOLUTION WITH THE **HANDYSCAN 3D™**
LASER SCANNERS AND THE **FULLY INTEGRATED**
HANDYSCAN 3D SCANNING MODULE - **HSM™**



HSM™

HANDYSCAN SCANNING MODULE

**CAAV5
BASED**

HANDY ~~3D~~ SCANNER™

3D SCANNING MADE SIMPLE!

Developed by Creaform, the Handyscan 3D™ is the first line-up of **self-positioning handheld** 3D laser scanners on the market. Not only do these state-of-the-art scanners provide **real time 3D rendering visualization**, but they are also:

ACCURATE

It yields some of the best data quality available in laser scanning technologies.

TRULY PORTABLE

Inhouse or onsite, from plant to plant, it is great for service jobs.

VERSATILE

Works in confined places, with large and small parts.

COMPETITIVELY PRICED

Modest investment, lean set up, high value, quick ROI.

SPECIFICATIONS

WEIGHT	980 grams (2.1 lb)
DIMENSIONS	160 x 260 x 210 mm (6.25 x 10.2 x 8.2 in)
MEASUREMENTS	18,000 measurements/s
LASER CLASS	II (eye safe)
RESOLUTION IN Z AXIS	0.1 mm (0.004 in)
ACCURACY	Up to 50 µm (0.002 in)



TAKE FULL ADVANTAGE OF ITS

MAXIMIZE YOUR CATIA'S REVERSE ENGINEERING OPPORTUNITIES

Fully integrated with CATIA's Reverse Engineering solution (Digitized Shape Editor and Quick Surface Reconstruction workbenches), the Handyscan Scanning Module™ (HSM™) allows users to go from 3D data acquisition to CAD models under one intuitive CATIA design environment. Users can achieve:

- Quick data capture (directly as meshes, no point clouds)
- Flexible data post-treatment and manipulation
- Easy surface reconstruction and optimization
- Parametric CAD model construction
- Robust 3D data inspection

The most complete Reverse Engineering solution improves productivity and provides users and organisations with great key benefits:

- No data transfer required = models integrity
- Single software platform = minimal investment
- Consistent, ergonomic and intuitive working environment = shorter learning curve



POWERFUL FEATURES NOW!



Software
Partner

The Handyscan Scanning Module (HSM™) and the Handyscan 3D™ laser scanners are available from Creafom's worldwide sales network.

MINIMUM SYSTEM REQUIREMENTS FOR HSM™

- CATIA V5R17
- Digitized Shape Editor workbench
- Intel Dual Core CPU
- Windows XP Professional SP2 32 bits or later
- 2GB RAM
- 1GB of free disk space
- Dedicated ATI/Nvidia GPU with 128MB dedicated memory
- 1280x800 pixels resolution (higher resolution recommended)
- CD-ROM compatible drive
- PCMCIA slot

Creafom is a technological company offering reverse engineering and 3D digital solutions with offices in Canada, the United States, France, China and Japan. Creafom provides technologies and services for product development, manufacturing and inspection applications in a wide variety of industries, such as aerospace, automotive, recreational and consumer products, multimedia and medical.

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