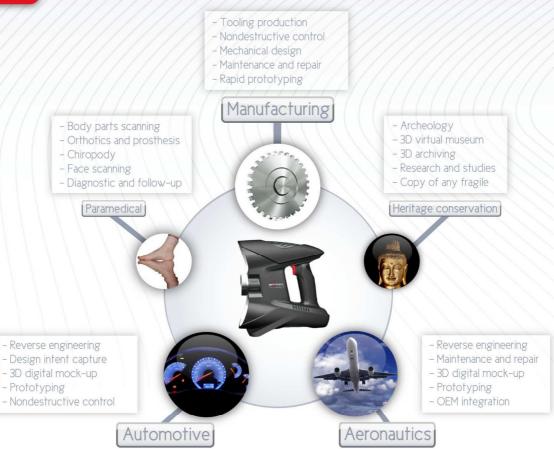
OptiNum The new generation of ultraportable 3D scanner

Founded in 2007 and headquartered in Toulouse (France), Noomeo is an innovative company which developps and industrializes ultraportable 3D scanning products. OptiNum scanner is based on an innovative video streaming technology. This opens for the customers new fields of application while maintaining a high quality of digitization.

Applications



Why using OptiNum?

Video streaming acquisition

OptiNum is based on an innovative technology that uses video streaming instead of laser. This allows OptiNum to operate in any environment and to be able to capture any geometry while guaranteeing a high level of accuracy of the 3D model.

Ultraportable and autonomous

OptiNum weights less than 2kg and is very compact. Working on battery it does not require any power cable, and must simply be connected to a laptop to be operational in any kind of environment.

No part preparation and vision based self-positioning

Our vision based self-positioning scanner avoids to prepare the object or install any reference system. Thus, no targets, no grids or trackers are required to capture the model.

Accuracy

OptiNum can generate 3D point clouds with an accuracy up to $+/-100\mu m$ for objects with a recommended volume from $10cm^3$ to $1m^3$. So that it can be used for industrial applications, such as manufacturing, automotive or aeronautics.

Fast return on investment

The combination of the ease of use and the competitive pricing of OptiNum represents the best way for customers to generate a high level of return on investment. OptiNum frees the user of most known constraints, and does not require a high level of expertise from the user.



Product datasheet

OptiNum scanner





Vision based self-positioning Video streaming acquisition

High quality CCD sensor 1024 x 768 px

Accuracy: up to +/- 100µm Spatial resolution: 300µm Unlimited number of points

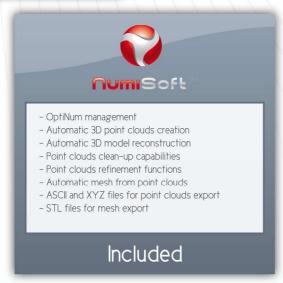
Recommended object volume: from 10cm³ to 1m³ Working distance: 400mm Field of view: A5 Depth of field: 150mm

Weight: less than 2kg Dimensions: 230mm x 230mm x 80mm

Each OptiNum package contains:

- One OptiNum scanner
- One battery with associated power charger
- A shockproof and waterproof carrying case
- A USB cable for laptop connection
- A standalone license of NumiSoft with installation CD
- A documentation and a user guide
- One year of warranty

NumiSoft software







Recommended configuration

Operating system: Windows Seven 32bits
CPU: Quad Core 2Ghz

RAM: 4Go

Graphics: GPU with dedicated 256Mo
Connectors: 2 x USB ports included

2 x USB ports included 1 x USB 2.0 High Speed

Maintenance

Noomeo can provide its customers with an additional maintenance contract including:

- Hardware maintenance and repair within a D+5 timeframe from reception in Noomeo office, subject to Noomeo approval
- Software maintenance for corrections and evolutions
- Annual maintenance rate: 20% of product list price
- Hotline and customer assistance through phone and email

