JScanSuite

3D scanner for jewellery and small articles

JScan, the 3D scanner designed specifically for scanning jewellery and small articles, enables real articles, masters and wax models to be reproduced accurately, reducing the time and cost of modelling and development.

Thanks to its **structured light technology** and specific geometric arrangement of the optics, JScan is able to acquire with an extraordinary accuracy each detail, cut or facets of both precious stones and small articles with complex and/or semi-reflective surfaces.

Highly intuitive and efficient, JScan enables you to generate standard file in open formats with a very high quality of the mesh: **perfect for 3D printing and rapid prototyping**.

With JScan, the scanning process is completely automatic and customizable. In addition, thanks to the new intuitive **Touch Screen** working mode, the 3D modelling is quick and easy.

Bundled with **Leios**, a reliable software for processing 3D scans, mesh editing and reverse engineering – **JScan Suite** is the complete solution for the jewellery and the manufacturing industries.

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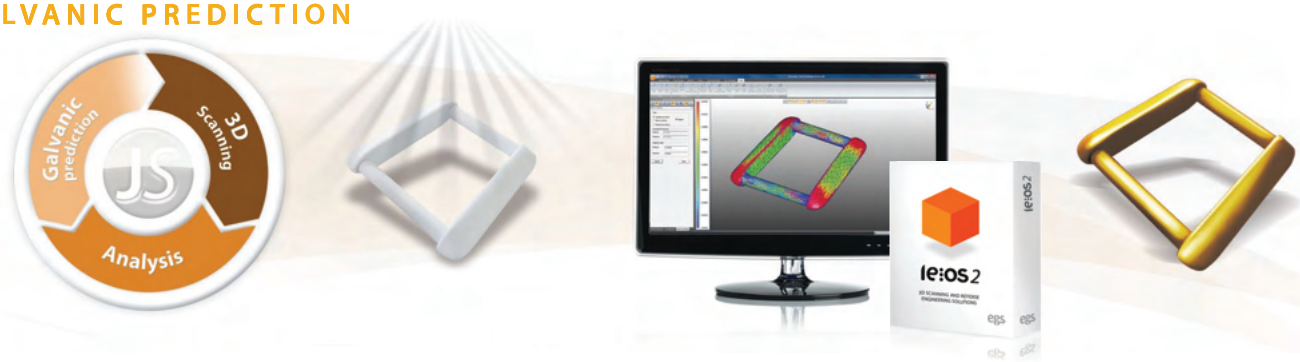
WORKFLOWS

MANUFACTURING

GALVANIC PREDICTION



FEATURES

- High accuracy - up to 0.015 mm, tested in a metrological environment.
- High reliability - high quality mechanical and electronic components.
- Compact - small size for easy installation and integration in any working environment.
- Customizable acquisition strategies – scanning strategies and parameters can be fully configured by the user.
- Open system - datasets can be exported in open formats - STL,PLY, OBJ, ASC, which can be read using any CAD/CAM system.
- Lifetime License - the licence is permanent; support and updates are available on request.
- Plug&Play – only a monitor and a mouse are required to use the scanner.

INTUITIVE AND MODERN CONTROL SOFTWARE

The software that drives JScan incorporates the most up-to-date technologies, supports multi-core CPUs and makes the best use of modern 64-bit operating systems.

HIGH PRODUCTIVITY

The impressive performance in terms of both quality and speed, enhances productivity and enables a rapid return on investment.

	JScan
3D scanner technology	*Structured Light*
Camera resolution	*1.3 Megapixels*
Light source	*LED, 100 ANSI-lumens – light projector*
Rotary stage	*2 axes movement*
3D acquisition volume (W x D x H)	*90 mm x 80 mm x 70 mm*
Accuracy	*0.015 mm*
Output formats	*STL, PLY, OBJ, ASC*
Interface	*USB 3.0 High Speed, DVI / HDMI*
Size (W x H x D)	*250 mm x 450 mm x 450 mm*
Weight	*21 kg*

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