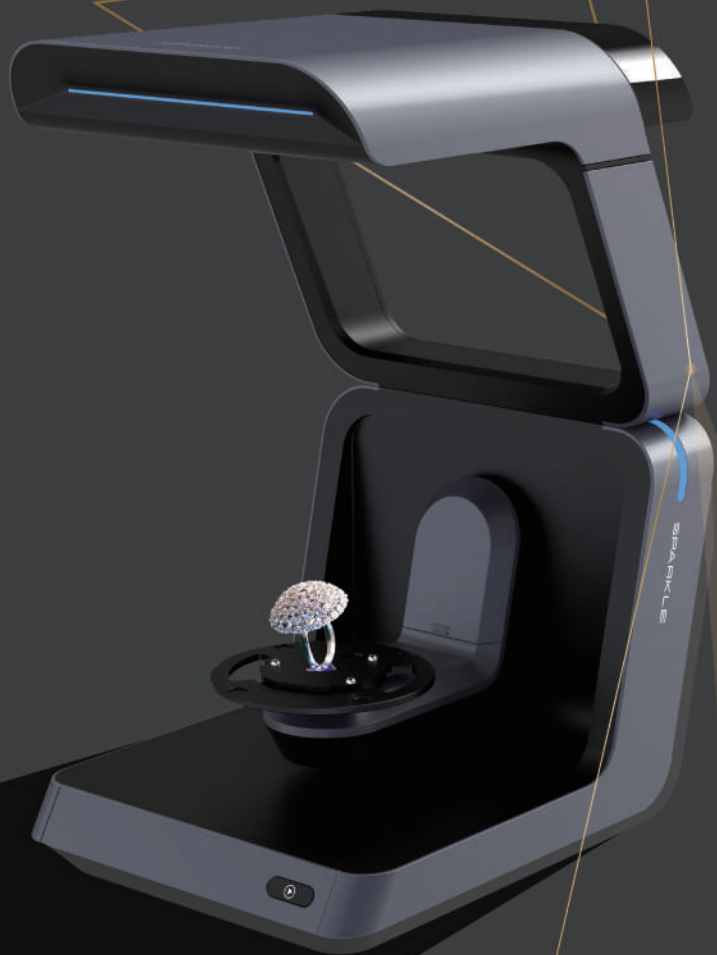# AutoScan Sparkle

Automatic Desktop Jewelry 3D Scanner

Incredible high resolution

AutoScan Sparkle automatic desktop 3D scanner is designed exclusively for capturing precise and detailed 3D scans of jewelry pieces in seconds. Integrating AI intelligent scanning algorithm, high precision and simplicity of use, AutoScan Sparkle provides jewelry designer an easy method of transforming jewelry into digitized format that can be used in any CAD/CAM software, saving both time and money in design and production processes.

Features

Fine Detail

Provides precisely detailed 3D scan for small and complex objects using dual-camera of **5 mega** pixels.

Automatic Scanning

As a fully automated desktop 3D scanner for 1-click scan, AutoScan Sparkle features **3-axis** for multi-angle scanning, enabling users to obtain 3D scans easily and rapidly.

Metrology-grade Accuracy

Advanced blue-light 3D scanning technology brings users the scan accuracy within **10μm** to ensure high level of accuracy required by quality inspection.

Powerful Software

The software Jewelry-Scan is specially created by SHINING 3D for jewelry application, featuring user-friendly interface and easy operation, which allows user to effortlessly export 3D data to CAD/-CAM system such as Matrix, Rhino, JewelCAD and etc.

Applications

- Jewelry Design
- Jewelry Replication
- Jewelry Repair
- 3D Printing & Precision Casting
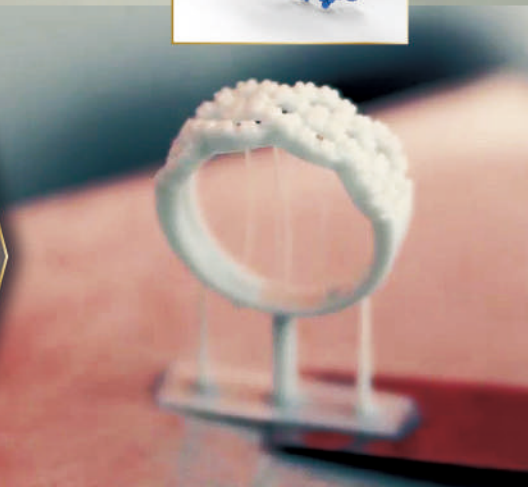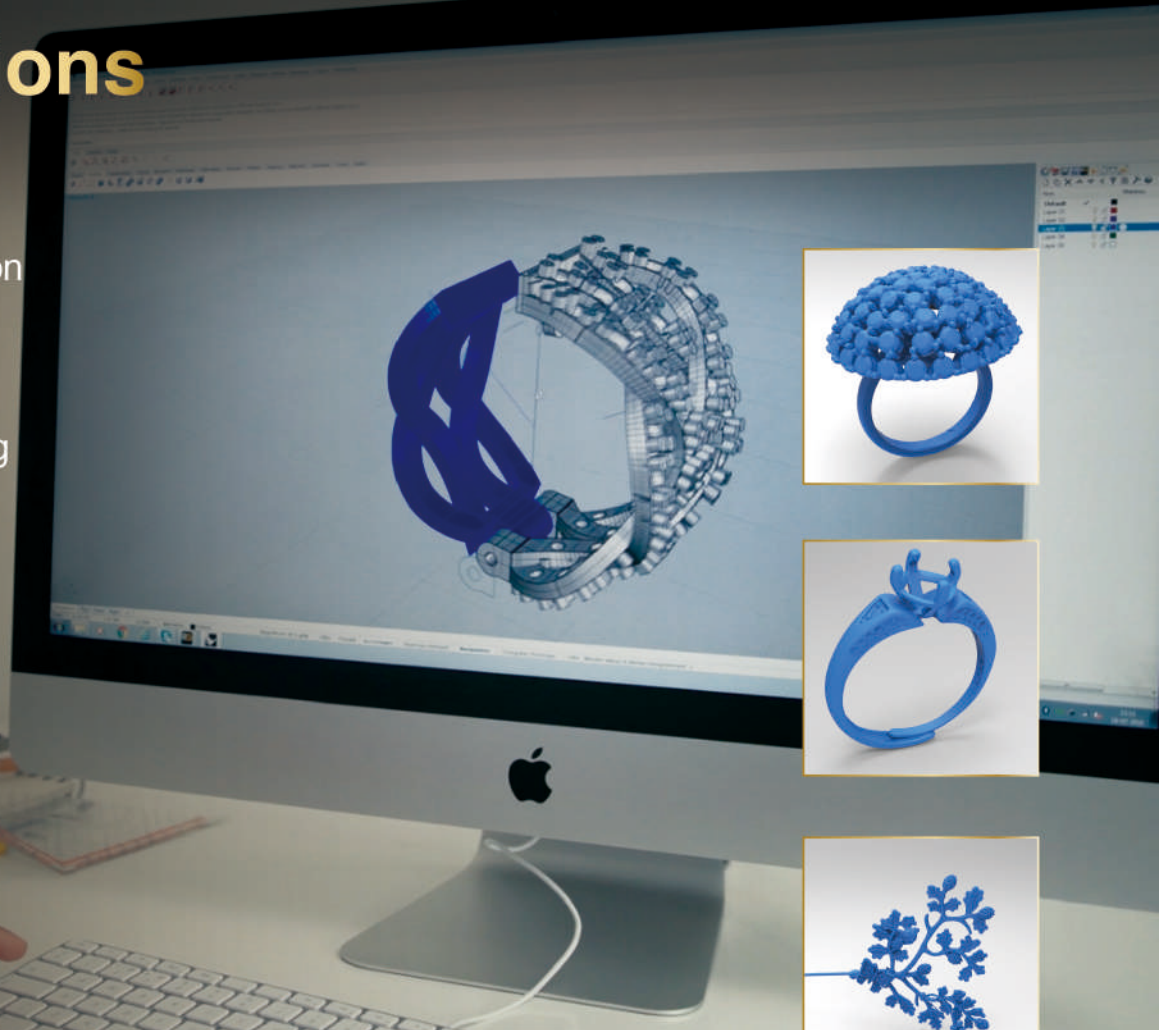
Technical Specifications

Model	AutoScan Sparkle
Scanning Area	100*100*75 mm
3D Scanning Principle	Structured light 3D scanning
Accuracy	≤10 μm
Rotation Axis	3 Axis
Camera Resolution	2x5.0MP
Weight	7.5kg
Working Temperature	10°C ~ 30°C
Power	DC24V
Output Format	STL
O/S	Windows 10, 64 bits
Light Source	Blue Light
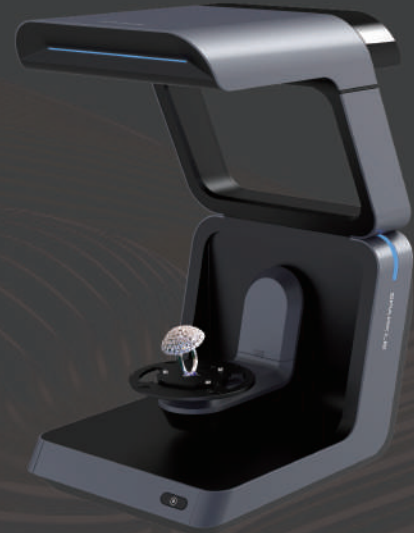
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