

SCANNER 3D dental AUTOSCAN DS-EX

AutoScan-DS-EX is an unexpectedly cost-effective option for the dental market. This brand new 3D dental scanner will amaze the dental world with its unmatched small footprint and unprecedented light-weight. This will make it the ideal scanning solution for any dental service bureau and labs with restricted space.

This device is a three-dimensional scanner. It's based on the principle of scanning by structured light. It consists of projecting light beams on an object and recording with a camera the captured images which are deformed by the r is dedicated to the dentistry field. For is dedicated to the dentistry field. For instance, it can scan one jaw plaster or one dental impression.

It has a scanning range of 100 mm x 100 mm x 75 mm. the object The Shining DS-EX is dedicated to the dentistry field. For instance, it can scan one jaw plaster or one dental impression.

Its dimension is 260 mm x 270 mm x 420 mm and its weight is 5 kg.



The Right Scanner with 3D Scanning Technology

We offer you the best range of scanner with 3D scanning technology to endow you with accurate and efficient solutions for focusing on productivity and easy dentistry care. The latest model of scanner provides you an optimal data post-processing option through LAN Network. It allows easy upgrades for the foreseeable future. Being the best digital lab companion, the latest dental 3D scanner is easy to use for different levels like:

- Dental laboratories
- Dental vocational colleges
- Dental clinics

The AutoScan-DS-EX is specifically developed for the dental market. It adopts the latest structured light 3D scanning technology to provide accurate and efficient solutions for those who focus on productivity and cost-effectiveness.

The AutoScan-DS-EX 3D scanner provides an optimal data post-processing option through LAN network, and a revolutionary structure that allows easy upgrades for the foreseeable future. It is your ideal digital lab companion.



AutoScan-DS-EX 3D scanner can be applied to different levels of dental laboratories, dental vocational colleges, dental clinics, etc. Its intuitive design and automatic work-flow brings incredible benefits to dental labs and vocational education centers of dental technology.

Exocad software is not included with the purchase of this scanner, but can be purchased for an additional \$4,800.00 (that price would include training and 1 year of technical support). Optional Add-on Modules are also available for the exocad software [at an additional cost], including but not limited to Implant Module, Model Creator Module, Bar Module, Bitesplint Module, etc.

Features:

Fully Open Structure

support the 3D scanning of most articulators available in the market, such as Artex, KAVO, etc.

Multiple Functions Available

- Articulator scanning : support the 3D scanning of most articulators available in the market, such as Artex, KAVO, etc.
- Triple-tray scanning : more convenient triple-tray impression scanning with optimized jig.
- Texture scanning : marks on dental models can be captured clearly, providing reference for further design work.
- Continuous Scanning : The AutoScan-DS-EX 3D scanner provides an optimal data post-processing option through LAN net-work.

Clinic Mode Added

With the clinic mode, desktop 3D scanner can be applied to dental clinics directly to support chair-side restoration solutions.

Open Data Format

Export STL data, high compatibility with current open CAD/CAM software and hardware in the market.

Software


Shining 3D DS-EX is provided with its scanner software DentalScan.



It has the following 4 icons:

1. Create a command
2. Setting
3. Check the device
4. Calibration



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It can export STL file (Stereolithography) and OBJ (shaded model). The resulting files are exported in STL format (stereolithography) and OBJ (for color). These are standard and open formats of 3D file.

Especificaciones

Model	AutoScan-DS-EX
Camera Resolution	1.3 mega pixel
Accuracy	< 15 µm
Scanning Range	100 mm*100 mm*75 mm
Scanning Time	bite: 13 s; upper /lower jaw: 30 s; 1-8 dies: 30 s; impression: 120 s
Scanning Principle	Structured Light 3D Scanning
Temperature	0°C to 30 °C (higher temperature will affect the scanning result)
Dimension	260 mm * 270 mm * 420 mm
Weight	5 kg
Output Format	STL, OBJ
Interface	USB 3.0
Power	DC 24 V

Package Include:


- AutoScan-DS-EX Scanner
- Multi-die plate
- Calibration plate
- Fixture to hold model
- Impression-scan fixture
- Scanning Software

Environment Requirements

- Operating Systems: Windows 7, Windows 8, and Windows 10
- Processor: Intel Core i5 or i7
- Memory: 8Gb of Ram minimum
- Graphics Card: Nvidia based graphics
- Video Memory: Dedicated 2Gb of memory minimum

Precio lanzamiento	Hasta 30 de abril		4800€	
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