DENTISTRYFIGURE

- **Professional dental scanner**
- **Original equipment of 3D scanners**

DentistryFigure Dental 3D Scanner is a professional medical 3D scanner that obtains 3D data for human tooth models. It uses high-precision structured light 3D scanning technology to conduct multi axis full automatic 3D scanning. The scanning data can be seamlessly connected with the 3shape shell designer design software and Envisiontec 3D printing.

Technical specifications

Model	DENTISTRYFIGURE	
Resolution of sensor	3 megapixels X2 black and white industrial CMOS cameras	
Overall precision	≤0.015mm	
Repetition precision	≤0.03mm	
Dimensions	Size:263cmx231cmx529cm	
Scanning range	100mm*100mm*75mm	
Scanning time	Occlusion for 13s; Upper jaw/lower jaw 30s; 1-8 abutments for 30s; Die 120s	
Scanning principle	Industrial high-precision structured light	
Code emitter	LED cold light (safe to human eyes)	
Scanning mode	Fully automatic scanning with turntable	
Splicing mode	Ully automatic multi-angle splicing	
Format of data output	STL、Customize the fomat	
Voltage of adaptor	DC12V,5A	
Computer recommended configurations	OS:Windows 7 (64-bit) RAM: ≥6GB	CPU: intel i5 processor GPU: NVIDIA GTX750 or above

Technical characteristics

One-click option
Fully automatic scanning, intelligent splicing, one-click data output

Ultra high-resolution
3-megapixel high-resolution industrial camera with repetition precision＜0.03mm

Smooth docking
Smooth docking with 3D printing tools

Automatic smoothing
Data are automatically smoothed to be used directly in production

Ultra high-speed
The single scan speed is less than 10s, and the complete model taking time does not exceed 90s

Perfectly compatible
Perfectly compatible with 3Shape shell designer and Envisiontec3D

Application scenarios