EARFIGURE

- Professional ear scanner
- Original equipment of 3D scanners

EarFigure, as its name suggests, is a professional medical 3D scanner for collecting 3D data of human ear models. With high-precision structured light 3D scanning technology, it realizes fully automatic multi-axis 3D scanning. And data achieved can be perfectly compatible with 3Shape shell designer and Envisiontec3D.

Technical specifications

Model	EARFIGURE	
Resolution of sensor	3 megapixels X2 black and white industrial CMOS cameras	
Overall precision	≤0.03mm	
Repetition precision	≤0.03mm	
Dimensions and weight	Size:263cmx231cmx529cm; Weight: 13kg	
Scanning range	100mm*100mm*75mm	
Scanning time	≤2min	
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
Time of single scanning≤2min, obtaining data of ear mold in 4min

Perfectly compatible
Perfectly compatible with 3Shape shell designer and Envisiontec3D

Application scenarios