FALCON 3DX

The most affordable desktop 3D scanner for small objects

FALCON 3DX

- ➕ Suitable for jewelry and audiology applications
- ➕ The most affordable price in its class
- ➕ High precision, high accuracy data
- ➕ Desktop size
- ➕ Perfect for 3D printing

VYLO

3D Solution Provider

FALCON 3DX

The most affordable desktop 3D scanner for small objects

Highlights

AUTO

Fully Automatic
2-axis scan platform makes scanning fully automatic

Digitization of Object Shapes
Ability to capture high details of objects with high performance cameras

270 Degrees Full Swing Movement
Minimize blind spots with 270 degrees full swing movement

3DX Engine Scan Software
The most intuitive scanning software offers simple interface, latest algorithm, powerful features and auto updates

Safe Recovery Mode
Don't worry even if your computer caused error or there is a power outage. 3DX Engine will fully recover your scan data back to where you left off

STL

Open STL
Outputs polygonised STL format data, fully compatible with your CAD software, or 3D printers

Applications

⊕ **Jewelry :** Design replication, modification, custom-fit pieces, masterpiece digitization, converting organic shaped object into 3D

⊕ **Audiology :** Digitization of auditory passage impressions for making hearing aids

⊕ **Reverse Engineering :** Quickly digitize a part or object and create a surfaced CAD models which can be modified

⊕ **Quality Inspection :** Compare scanned 3D data (STL) vs design (CAD) data for deviation analysis

⊕ **3D Printing :** Print 3D object using scanned data

Specification

Scan Method	Structured White LED
Camera	1.3MP, 5MP (Twin-Camera)
Scanning Size	FOV 120mm (1.3MP) / FOV 50, 120mm (5MP)
Axis	Automatic 2-axis (Rotation 360° / Swing 270°)
Accuracy	10um (0.01mm)
Data Output	Open STL (Polygon Mesh / Fully ready for 3D printers)
Power	110~240V, 50~60Hz
Interface	USB 3.0
OS	Windows 7, 8.1, 10 (64bit)