

3DMakerpro Fox 3D Scanner

LKR 284,100.00



- **6-Month Warranty Included** for worry-free operation.
- **Ultra-High Precision** – Capture fine details with up to **0.07 mm accuracy**, making it ideal for reverse engineering, product design, and high-quality 3D printing.

- **AI-Powered Smart Scanning** – AI SLAM tracking, marker-less scanning, and one-click model optimization make scanning faster and easier, even for beginners.
- **Scan Small to Large Objects** – Easily digitize objects ranging from **40 mm to 1,200 mm**, from collectibles and mechanical parts to shoes and sculptures.
- **Lightweight & Ready for 3D Printing** – Weighing just **210 g**, with support for **Windows, macOS**, and exports to **STL, OBJ, PLY, and ASC** for a smooth CAD and 3D printing workflow.

High-Precision 3D Scanning Made Simple

Looking for an affordable handheld 3D scanner that delivers professional-level detail without a steep learning curve? The **3DMakerpro Fox 3D Scanner** is designed for makers, engineers, designers, and hobbyists who want accurate digital models for reverse engineering, 3D printing, product design, and digital archiving. Featuring up to **0.07 mm accuracy**, AI-assisted tracking, and intuitive JMStudio software, it captures impressive detail while keeping the scanning process straightforward.

Whether you're scanning mechanical parts, collectibles, sculptures, footwear, or even the human body, this compact scanner makes the process fast and reliable. At just **210 g**, it's lightweight enough for extended handheld use while offering support for Windows, macOS, Android, and iOS (with the optional Smart Grip). When you purchase from *Master3D*, you're choosing a trusted Sri Lankan supplier that understands the needs of creators and professionals alike.

Why Choose This Scanner?

The **3DMakerpro Fox 3D Scanner** combines high accuracy with beginner-friendly operation. Thanks to AI-powered markerless tracking, real-time point cloud preview, one-click optimization, and multiple export formats (OBJ, STL, PLY, ASC), creating clean, printable 3D models feels surprisingly effortless. It's an excellent choice if you want professional-quality scans without investing in a much more expensive industrial scanner.

Key Specifications

- **Scanning Technology:** Near-Infrared (NIR) Structured Light
- **Accuracy / Resolution:** Up to **0.07 mm accuracy** with **0.10 mm resolution**

- **Scanning Range:** Suitable for objects from **40 mm to 1,200 mm** with a **200 × 100 mm** single capture area
- **Connectivity & Software:** USB 2.0, JMStudio software, exports OBJ, STL, PLY & ASC
- **Weight:** Ultra-light **210 g** handheld design

Frequently Asked Questions

1. Q. Is this scanner suitable for reverse engineering?

A.Yes. Its high scanning accuracy and support for common CAD-friendly file formats make it an excellent option for reverse engineering, prototyping, and replacement part design.

2. Q. Can I use it for 3D printing projects?

A.Absolutely. The scanner exports directly to STL and other popular formats, making it easy to prepare models for editing and 3D printing.

3. Q. Which operating systems are supported?

A.The scanner supports Windows 10/11 and macOS for scanning and processing. Mobile scanning is also supported on compatible Android and iOS devices when used with the optional Smart Grip accessory.

Specification	Details
Product Name	3DMakerpro Fox 3D Scanner
Brand	3DMakerpro
Product Type	Handheld Medium-Format 3D Scanner
Scanning Technology	Near-Infrared (NIR) Structured Light
Scanning Accuracy	Up to 0.07 mm
Scanning Resolution	0.10 mm
Single Capture Range	200 × 100 mm
Recommended Object Size	40 – 1,200 mm
Working Distance	150 – 400 mm
Frame Rate	Up to 10 FPS
Light Source	Near-Infrared (NIR) Structured Light
Texture Capture	Monochrome Texture
Tracking Technology	AI SLAM Visual Tracking / Markerless Feature Tracking
Real-Time Preview	Yes
One-Click Mesh Optimization	Yes
Output File Formats	OBJ, STL, PLY, ASC

Specification	Details
Connectivity	USB 2.0
Compatible Operating Systems	Windows 10/11 (64-bit), macOS 12/13
Mobile Compatibility	Android 10+ & iOS 15+ (with optional Smart Grip)
Minimum PC Requirements	Intel Core i5 8th Gen, 16GB RAM, NVIDIA MX250 2GB or equivalent
Recommended PC Specifications	Intel Core i7 8th Gen, 16GB RAM, NVIDIA RTX 3060 4GB or better
Dimensions	115 × 70 × 35 mm
Weight	Approximately 210 g
Power Interface	USB Powered
Typical Applications	Reverse Engineering, Product Design, 3D Printing, Quality Inspection, Digital Archiving, Education, Art & Cultural Preservation
What's Included	Fox 3D Scanner, Power Adapter & Cable, User Documentation

Disclaimer: Product specifications, dimensions, weight, package contents, and other technical details may vary slightly depending on the manufacturer, production batch, or regional version. Product images are for reference purposes only and may differ from the actual item received.