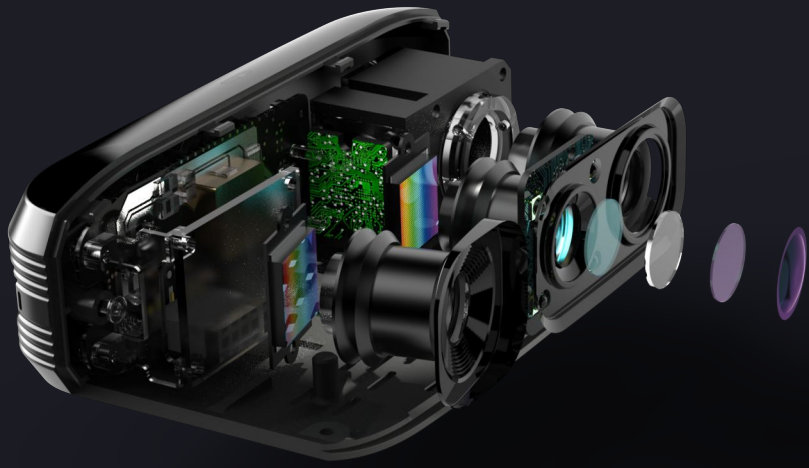3DMAKERPRO

reddot winner 2024
industrial design

Moose

Easy Entry to Expert 3D

24-Bit
color camera

Equipped with a 24-bit color camera supports 100% true color restoration.
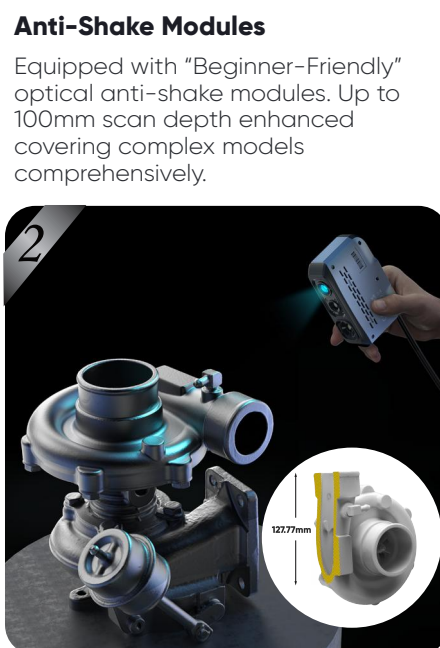
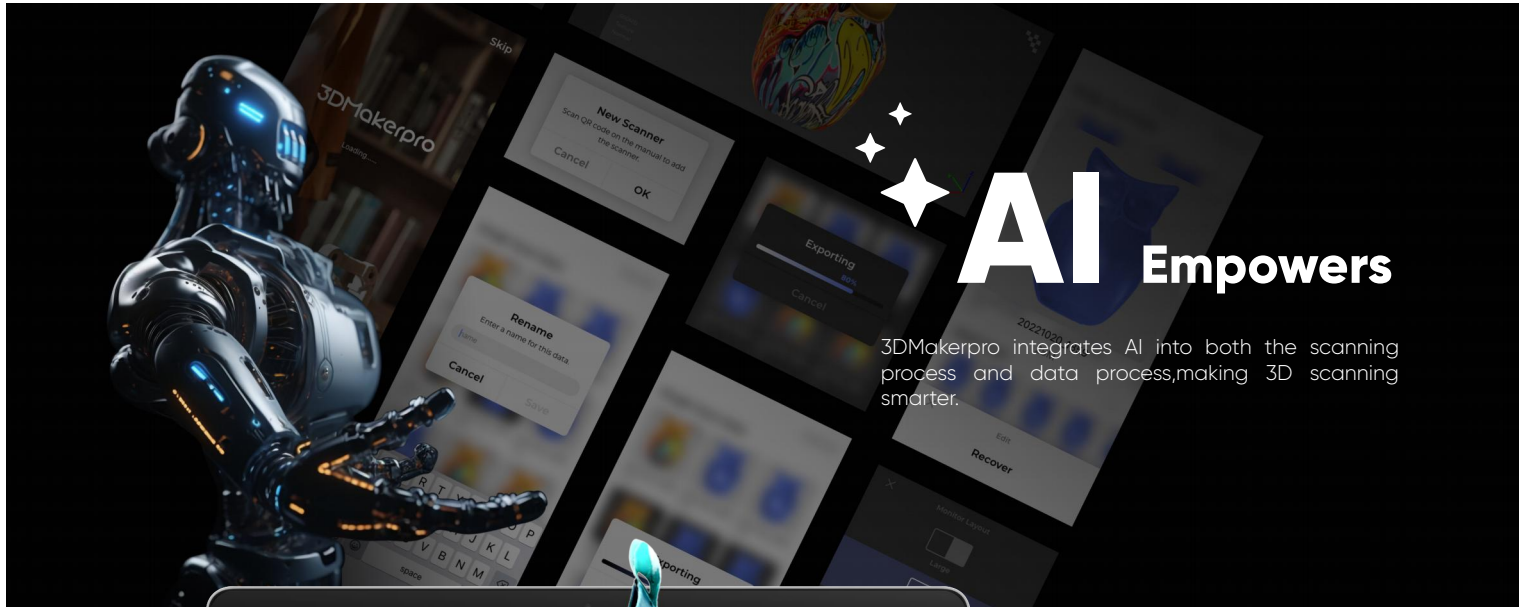**reddot winner 2024**
industrial design

Moose Lite

Moose

Anti-Shake Modules

Equipped with "Beginner-Friendly" optical anti-shake modules. Up to 100mm scan depth enhanced covering complex models comprehensively.

127.77mm

True-to-life Accuracy

With blue light and single-frame coding structure light technology, it can achieve 0.03mm accuracy.

Marker Free Technology

No marker needed for your scanner.

AI Empowers

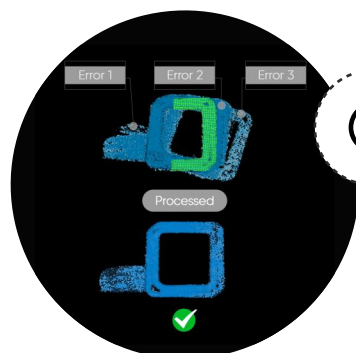3DMakerpro integrates AI into both the scanning process and data process, making 3D scanning smarter.

Maximum scan object size:

1500mm

AI Visual Tracking

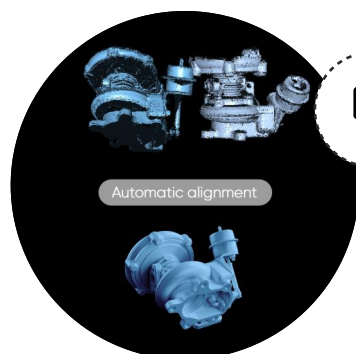AI algorithm achieves smooth, marker-free scanning.

Smart Error Correction

AI eliminates flawed or misaligned point cloud data while retaining accurate points.

0.07 mm

With 0.07mm resolution

Detailed point clouds perfectly preserve object details.

Auto Align

JMStudio can automatically stitch in most scenarios ensuring seamless connections.

Scan Performance Parameters:

Moose

Accuracy:	0.03mm	**Resolution:**	0.07mm
Frame rate:	10fps	**Tracking Mode:**	AI Visual tracking
Work Distance:	150-400mm	**Single Capture Range:**	200x100mm
Typical object sizes:	15-1500mm	**USB interface:**	USB2.0
Light source:	Blue LED	**Color texture:**	24-bit color textures
Dimensions:	120×60×35mm	**Weight:**	280g

Moose (Lite)

Accuracy:	0.05mm	**Resolution:**	0.1mm
Frame rate:	10fps	**Tracking Mode:**	AI Visual tracking
Work Distance:	150-400mm	**Single Capture Range:**	200x100mm
Typical object sizes:	15-1500mm	**USB interface:**	USB2.0
Light source:	NIR	**Color texture:**	Mono color textures
Dimensions:	120×60×35mm	**Weight:**	250g

Software System Requirements:

Output format:OBJ/STL/PLY/ASC
Compatible system: Windows10/11 64bit, MacOS12/13/14
Compatible Mobile: Android 10.0 or later, iOS 15.0 or later (Extended support)
Minimum computer requirements: Intel Core i5 8th, 16GB RAM, MX250 GPU with 2GB VRAM
Recommended computer requirements: Intel Core i7 8th, 16GB RAM, NVDIA1060 GPU with 4GB VRAM