

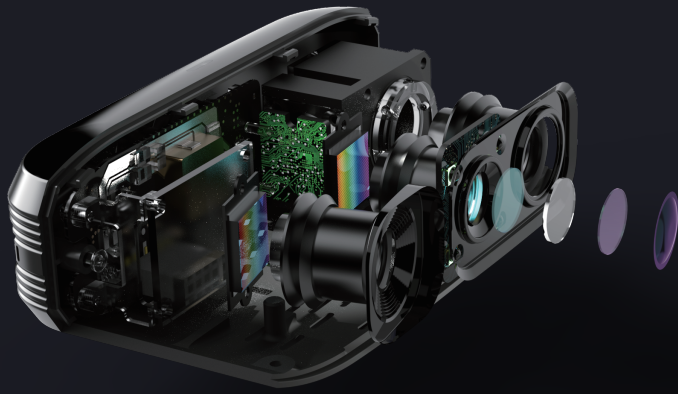


red dot winner 2024  
industrial design



# Moose

Easy Entry to Expert 3D



# 24-Bit color camera

Equipped with a 24-bit color camera supports 100% true color restoration.

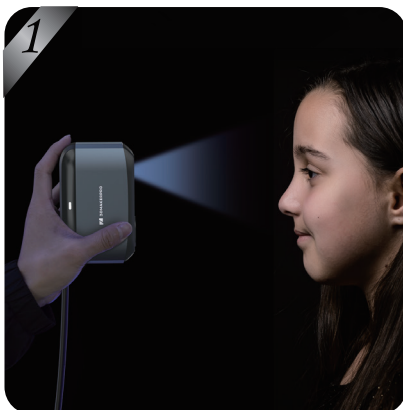


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## Moose <sup>Lite</sup>



## Moose

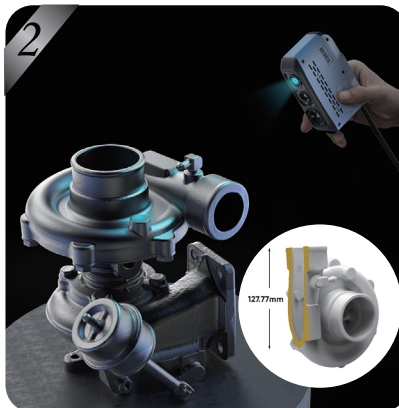


### True-to-life Accuracy

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

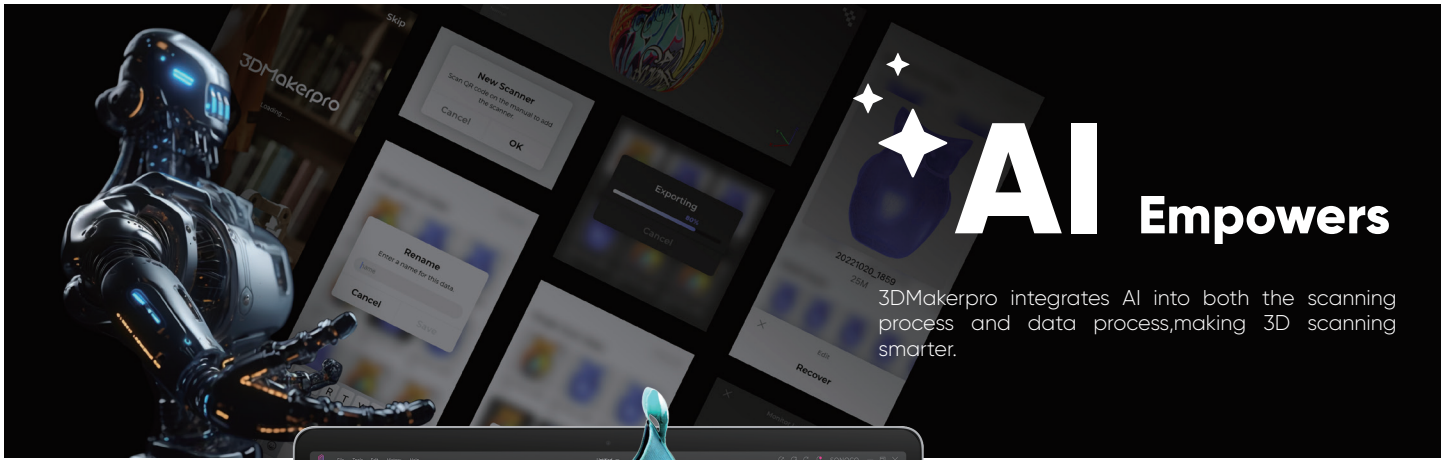
### Anti-Shake Modules

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



### 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:

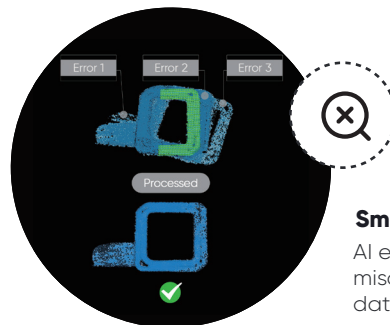
## 1500mm



### AI

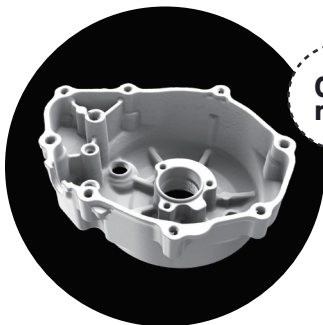
#### AI Visual Tracking

AI algorithm achieves smooth, marker-free scanning.



#### Smart Error Correction

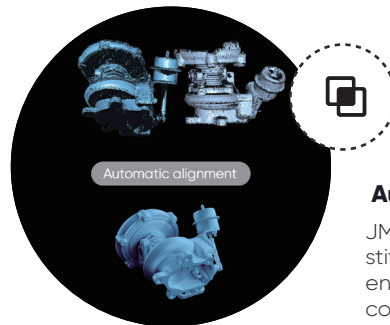
AI eliminates flawed or misaligned point cloud data while retaining accurate points.



### 0.05 mm

#### With 0.05mm resolution

Detailed point clouds perfectly preserve object details.



#### Auto Align

JMStudio can automatically stitch in most scenarios ensuring seamless connections.



**3DMAKERPRO**

**Scan Performance Parameters:**

## Moose

<b>Accuracy:</b>	0.03mm	<b>Resolution:</b>	0.07mm
<b>Frame rate:</b>	10fps	<b>Tracking Mode:</b>	AI Visual tracking
<b>Work Distance:</b>	150-400mm	<b>Single Capture Range:</b>	200x100mm
<b>Typical object sizes:</b>	15-1500mm	<b>USB interface:</b>	USB2.0
<b>Light source:</b>	Blue LED	<b>Color texture:</b>	color textures 24bit
<b>Dimensions:</b>	115x70x35mm	<b>Weight:</b>	280g

**Scan Performance Parameters:**

## Moose Lite

<b>Accuracy:</b>	0.05mm	<b>Resolution:</b>	0.1mm
<b>Frame rate:</b>	10fps	<b>Tracking Mode:</b>	AI Visual tracking
<b>Work Distance:</b>	150-400mm	<b>Single Capture Range:</b>	200x100mm
<b>Typical object sizes:</b>	15-1500mm	<b>USB interface:</b>	USB2.0
<b>Light source:</b>	NIR	<b>Color texture:</b>	Mono color textures
<b>Dimensions:</b>	115x70x35mm	<b>Weight:</b>	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, NVIDIA1060 GPU with 4GB VRAM

**3DMAKERPRO**

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