



CARVETECH MOOSE 3D SCANNER SPECIFICATION

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
Surface Treatment Recommendations	Transparent, Reflective, or Hairy area may require a scanning spray
Output format	OBJ, STL, PLY, ASC
Light source	Blue LED
Color texture	24-bit color textures
USB interface	USB2.0
Dimensions	115*70*35mm
Weight	280g

RECOMMENDED COMPUTER & MOBILE REQUIREMENTS

Computer	Intel Core i7 8th, 16GB RAM And NVIDIA 3060 GPU with 4GB VRAM Win 10 / 11 (or) Mac os 14/15
Mobile	Android 10 or later IOS 15 or later

CARVETECH MIRACO 3D SCANNER SPECIFICATION

Product Name	Revopoint MIRACO
Single-frame Accuracy, up to	0.05 mm
Single Capture Area at Nearest Distance	28 x 53 mm at 100 mm
Two Capture Modes	Single-shot Mode, Continuous Capture Mode
Minimum Scan Volume	10 x 10 x 10 mm
Working Distance	100 - 1000 mm
Auxiliary Lighting	Infrared Fill Lights, White Flash LEDs
Storage	256 GB eMMC
Memory (RAM)	16 GB or 32 GB DDR4 (32GB only in MIRACO Pro)
Scanner Weight	750 g
Battery Capacity	5,000 mAh supporting up to 2-hour
Tracking Methods	Feature , Marker, Global Marker
Connector Type	USB Type-C
Compatible Operating Systems	Windows 10/11 (64-bit), macOS 11.0 or better
Special Object Scanning	Use Scanning Spray for Transparent, Dark, or Highly Reflective Objects
Output File Formats	PLY, OBJ, STL, ASC, 3MF, GLTF, FBX
Built in Chip Computing	Depth Map Computing, 3D Scanning, Point Cloud Processing and Editing
Technology	Quad-camera Infrared Structured Light
Fused Point Distance, up to	0.05 mm
Single Capture Area at Furthest Distance	975 x 775 mm at 1000 mm
Scanning Speed, up to	15 fps
Maximum Scan Volume	4 x 4 x 4 m
Screen	6" 2k AMOLED Touch Screen
Position Sensors	9-axis IMU
RGB Camera Resolution, up to	48 Megapixels
Dimensions (L x W x H)	200 x 50 x 110 mm

APPLICATIONS



Aerospace

Quickly scan aircraft parts to check for wear and fatigue or to create replacements.



Automobiles

Capture every last part of a vehicle without time-consuming manual measurements for repair, reproduction, prototyping, or quality control.



3D Animation

Capture full-body scans in under 60 seconds or highly detailed face scans using MIRACO's Far and Near modes.



Preservation

Digitize historical items with photo-realistic color details for preservation or restoration without direct contact.