

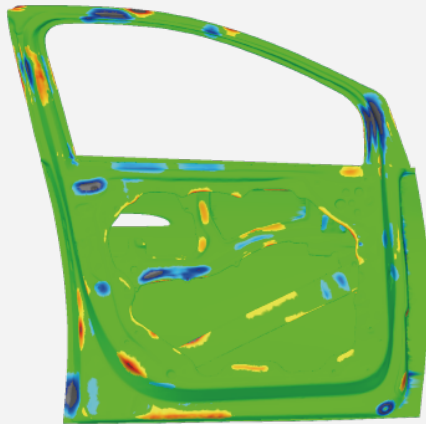


# MetroX 3D Scanner

Blue Light Scanning Breakthrough:  
Hybrid Multi-Line Laser and Full-Field Structured Light

# MetroX 3D Scanner

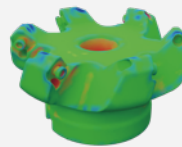
Get professional 3D modeling with the Revopoint MetroX, a powerful metrological blue light scanning tool that makes it easy to 3D scan small to medium-sized objects.



## 4 Scanning Modes Metrology Grade Accuracy

Single-frame Precision:  
Up to **0.01 mm**

Single-frame Accuracy:  
Up to **0.02 mm**



0.03 mm

0.02 mm

0.02 mm

0.03 mm



### 14 Crossed Laser Lines

Scan Shiny or Black Surfaces



### 7 Parallel Laser Lines

Capture Complex Details



### 62 Line Full Field Structured Blue Light Scanning

Capture Point Cloud Efficiently



### Auto Turntable Mode

One-click Metrology Grade Models



Up to 0.02 mm  
Accuracy



14 Blue Laser  
Cross Lines



7 Blue Laser  
Parallel Lines



62 Line Blue Full-field  
Structured Light



Automated  
Turntable Scan



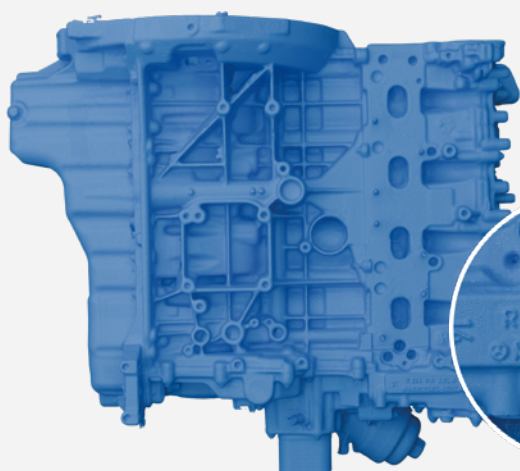
RGB Camera



Fast Scans  
Up to 7 Million Points/s



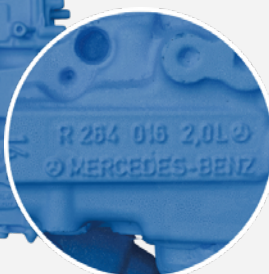
Only 508 g



677.85 mm

## Small to Medium Object Scanning

Less Noise, More Detail



119.87 mm

## Get Scans Done Fast

Up to **800,000** Points/s  
in Multi-line Laser Mode

Up to **7,000,000** Points/s  
in Full-field Structured Light Mode



## Flexible Single Capture Area

160 × 70 mm at 200 mm  
320 × 215 mm at 400 mm



Scan Shiny or Black Surfaces



Rich and Portable Accessories



# Specifications

Product Name	MetroX 3D Scanner
Technology	Multi-line Laser Scan and Full-field Structured Light Scan
Single-frame Precision, up to <sup>①</sup>	0.01 mm
Single-frame Accuracy, up to <sup>②</sup>	0.02 mm
Volumetric Accuracy	0.025 mm + 0.05 mm × L (m). L is the length of the object
Fused Point Distance, up to	0.05 mm
Working Distance	200 - 400 mm
Single Capture Area at Nearest Distance	160 × 70 mm at 200 mm
Single Capture Area at Furthest Distance	320 × 215 mm at 400 mm
Minimum Scan Volume	10 × 10 × 10 mm
Maximum Scan Volume	1 × 1 × 1 m
Scanning Speed, up to	Multi-line Laser Scan: 800,000 Points/s Full-field Structured Light Scan: 7,000,000 Points/s
3D Light Source <sup>③</sup>	14 Blue Cross Laser Lines 7 Blue Parallel Laser Lines 62 Line Blue Full-field Structured Light
Camera Resolution, up to	Depth Camera: 2 Megapixels   RGB Camera: 2 Megapixels
CPU	4 core ARM, 2.0 GHz
Depth Camera Fill Lights <sup>④</sup>	12 Blue LEDs
Dimensions (L × W × H)	209 × 88 × 44 mm

**Notes:**

① ② Precision is how close repeated measurements of the same object at a single angle are to each other. Accuracy is how close a measured value at a single angle is to the actual (true) value. They were both acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.

③ The product uses Class 2M laser projector. Avoid looking directly at it at close range! Please refer to the Class 2M laser standard document for details. To avoid retina damage, don't look directly into the laser beam through optical instruments capable of magnifying it.

④ This product has flashing lights, which may not be suitable for people with photosensitive epilepsy.



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