



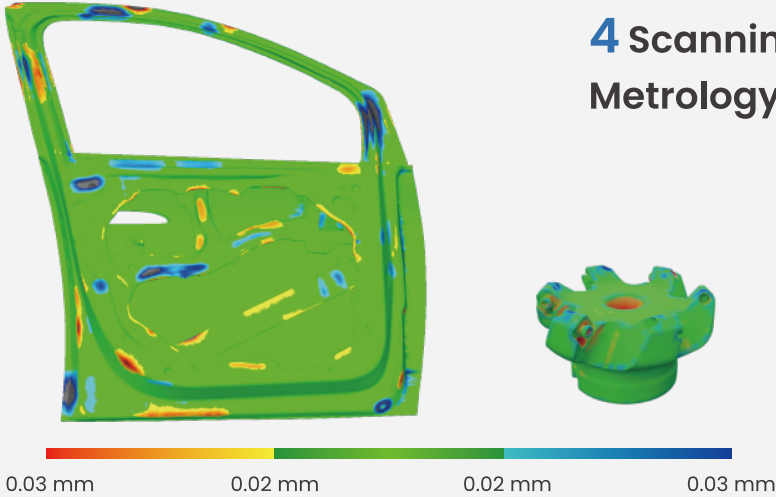
MetroX Pro 3D Scanner

Blue Light Scanning Breakthrough:

Hybrid Multi-Line Laser and Full-Field Structured Light

MetroX Pro 3D Scanner

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

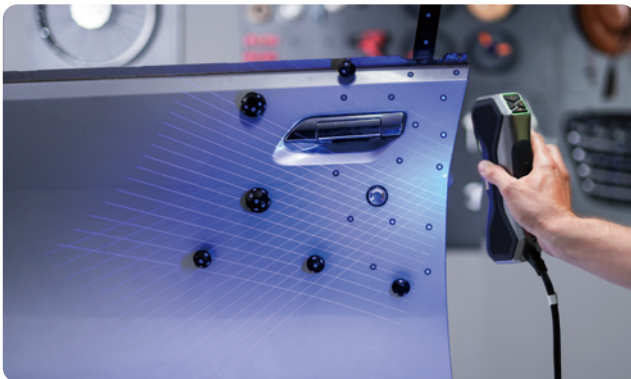


4 Scanning Modes
Metrology Grade Accuracy

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



30 Crossed Laser Lines

Scan Shiny or Black Surfaces



15 Parallel Laser Lines

Capture Complex Details



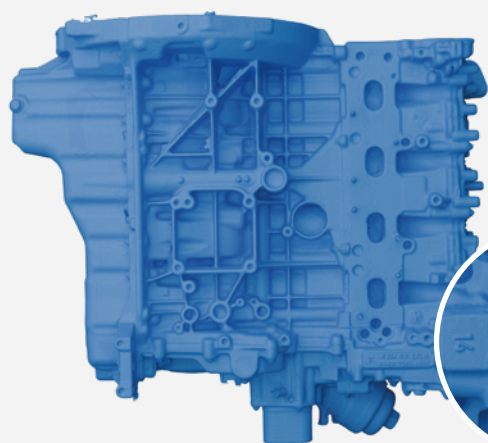
62 Line Full Field Structured Blue Light

Capture Point Cloud Efficiently



Auto Turntable Mode

One-click Metrology Grade Models



677.85 mm



Small to Medium Object Scanning

Less Noise, More Detail



119.87 mm

Get Scans Done Fast

Up to **2,000,000** 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

Three Tracking Modes



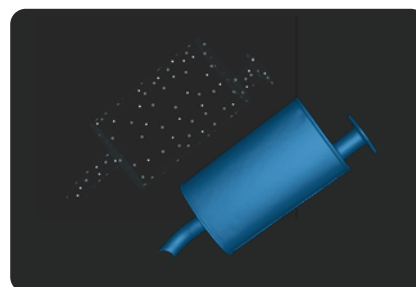
Feature mode

For detail-rich objects



Marker mode

For featureless objects



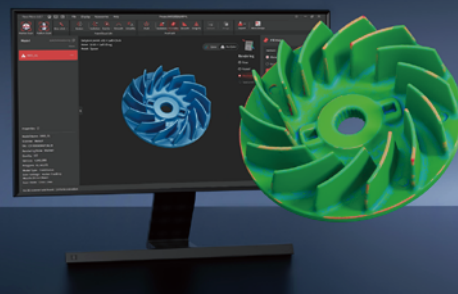
Global Marker mode

For increased volumetric accuracy

PC-to-Mobile Scan Streaming Cross-Screen Displays



From Scanning to 3D Measurement



Specifications

Name	MetroX Pro
Technology	Multi-line Laser Scan and Full-field Structured Light Scan
Single-frame Precision, up to ^①	0.01 mm
Single-frame Accuracy, up to ^①	0.02 mm
Volumetric Accuracy	0.02 mm + 0.04 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: 2, 000, 000 Points/s Full-field Structured Light Scan: 7, 000, 000 Points/s
RGB Camera Resolution	2 Megapixels
CPU	4 core ARM, 2.0 GHz
3D Light Source ^②	30 Blue Cross Laser Lines 15 Blue Parallel Laser Lines 62 Line Blue Full-field Structured Light
Fill Lights ^③	12 Blue LEDs
Scanner Weight	508 g
Dimensions (L x W x H)	209 × 88 × 44 mm

Notes:

① Precision and Accuracy were both acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.

② Class 2M Laser Safety Tips:

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 (e.g., telescopes, and camera lenses). To prevent laser reflection, avoid placing reflective surfaces like mirrors or glass in the path of the laser beam.

③ This product has flashing lights, which may not be suitable for people with photosensitive epilepsy.



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