

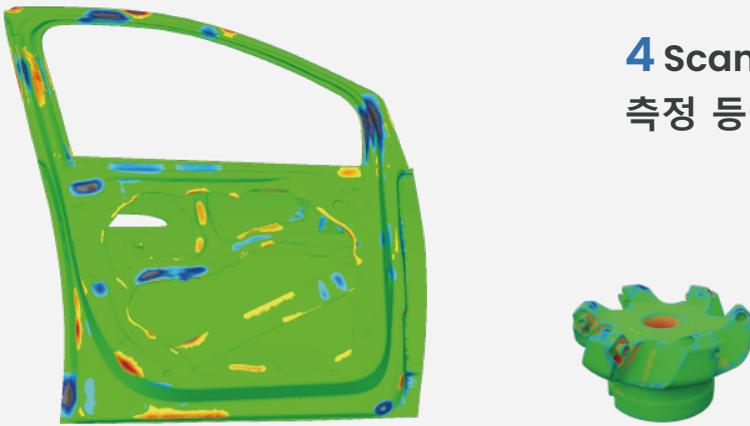


Metro X 3D Scanner

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

MetroX 3D Scanner

Revopoint MetroX는 전문적인 3D 모델링을 지원하는 강력한 측정용 blue light scanning 도구로, 소형에서 중형 크기의 물체를 손쉽게 3D 스캔할 수 있습니다.



4 Scanning Modes

측정 등급 정확도

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

Single-frame Accuracy:
Up to **0.02 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



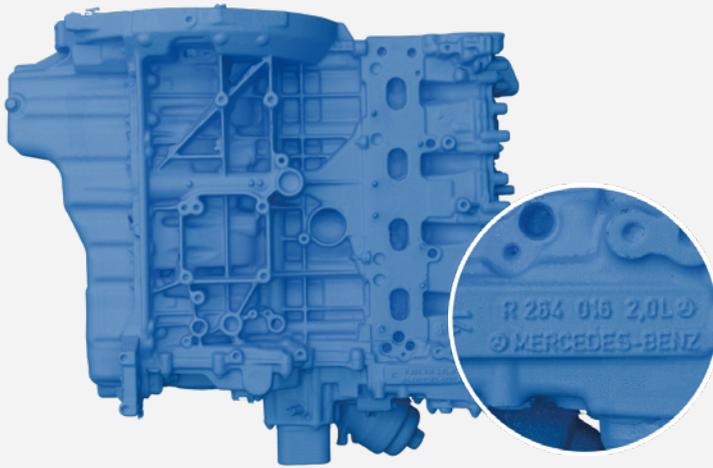
RGB Camera



Fast Scans
Up to 7 Million Points/s



Only 508 g



677.85 mm

소형 및 중형 물체 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 ^①	0.01 mm
Single-frame Accuracy, up to ^②	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 ^③	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 ^④	12 Blue LEDs
Dimensions (L × W × H)	209 × 88 × 44 mm

Notes:

① ② 정밀도(Precision)는 동일한 물체를 하나의 각도에서 반복 측정했을 때, 그 측정값들이 서로 얼마나 가까운지를 의미합니다. 정확도(Accuracy)는 하나의 각도에서 측정된 값이 실제(참값)에 얼마나 근접한지를 의미합니다.

이 두 값은 모두 통제된 실험실 환경에서 획득된 것이며, 실제 결과는 작동 환경에 따라 달라질 수 있습니다.

③ 제품은 Class 2M 레이저 프로젝터를 사용합니다. 가까운 거리에서 직접 바라보지 마십시오! 자세한 내용은 Class 2M 레이저 표준 문서를 참조하시기 바랍니다. 망막 손상을 피하기 위해 레이저빔을 직접 바라보지 마십시오.

④ 제품에는 깜박이는 불빛이 있으며, 광과민성 간질을 가진 사람들에게는 적합하지 않을 수 있습니다.

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