



SHINING 3D®



# FreeScan X5

Laser Handheld 3D Scanner



- **Light Body, Easy Operation**

Portable, narrow space operation accessible, external clamping positioning not needed.

- **Large Measurement Space**

Almost unlimited 3D scanning, not affected by size, texture or color of the object.

- **High Accuracy, High Speed**

Accuracy up to 0.03mm, under German VDI/VDE 2634 standard. High scanning speed up to 350000 scans/s.

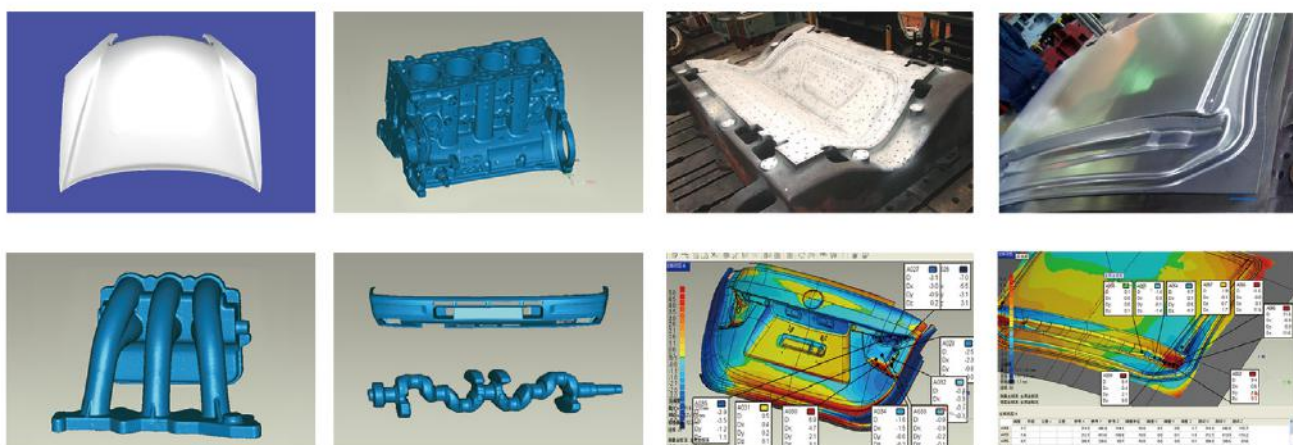
- **High Compatibility**

Compatible with 3D photogrammetric systems to measure large workpiece.

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## Specification

Model	FreeScan X5
Weight	0.8(kg)
Size	135x80x300(mm)
Light source	10 line laser array, Class II(eye safe)
Scan rate	350000(scans/s)
Scanning area	250x250(mm)
Resolution	0.100(mm)
Measurement accuracy	0.02 – 0.05(mm)
Volume precision	0.020+0.100(mm/m)
Volume precision (Combined With DigiMetric)	0.020+0.025(mm/m)
Working distance	300(mm)
Scan depth	250(mm)
Measurement range (Object Size)	0.1-6(m),extendable
Data compatibility software	3D System(GeomagicSolutions) InnovMetric Software(PolyWorks) Dassault Systemes(CATIA V5 & SolidWorks) PTC(Pro/ENGINEER)/Siemens(NX & Solid Edge) Autodesk(Inventor/Alias/3ds Max/Maya/Softimage)
Transmission mode	USB 3.0
Working temperature	-10-40 ℃
Working humidity	10-90 %

\* Notice: SHINING 3D reserves the right to explain any alteration of the specification and pictures.

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