



SHINING 3D®

ATEGROUP
Diseño, Escaneo e Impresión 3D
www.ategroup.biz

FreeScan X3

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 240000 scans/s.

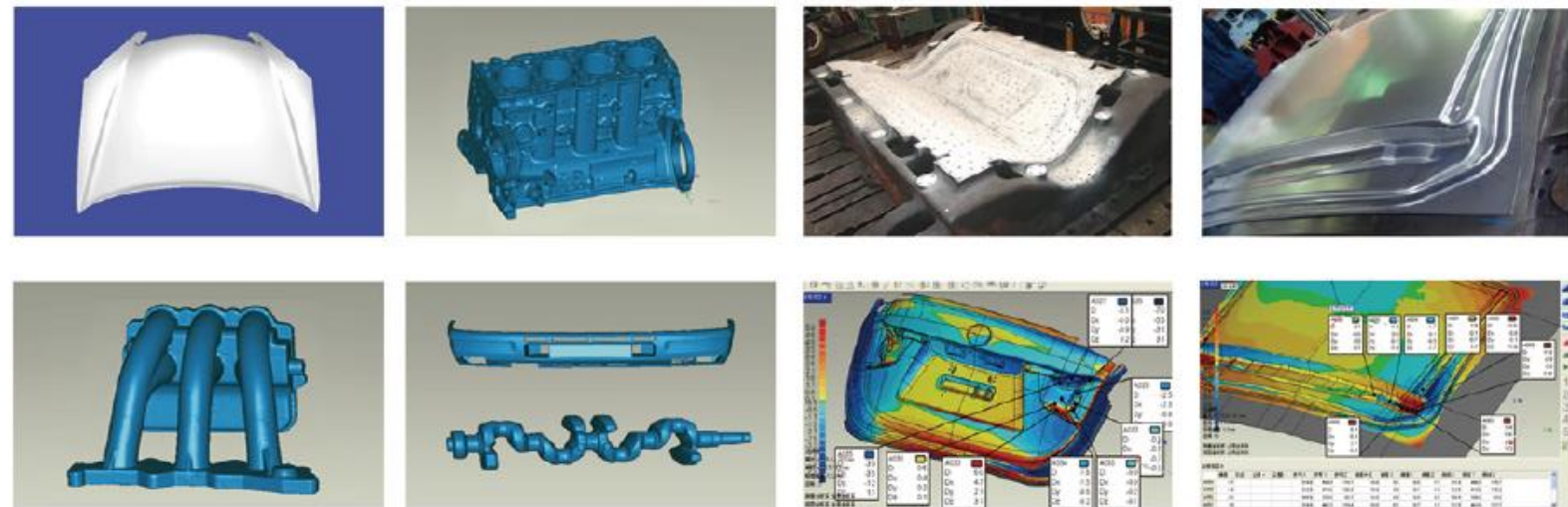
■ High Compatibility

Compatible with 3D photogrammetric systems to measure large workpiece.

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Specification

Model	FreeScan X3
Weight	0.8(kg)
Size	135x80x300(mm)
Light source	6 line laser array, Class II(eye safe)
Scan rate	240000(scans/s)
Scanning area	230x250(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°C
Working humidity	10-90 %