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**

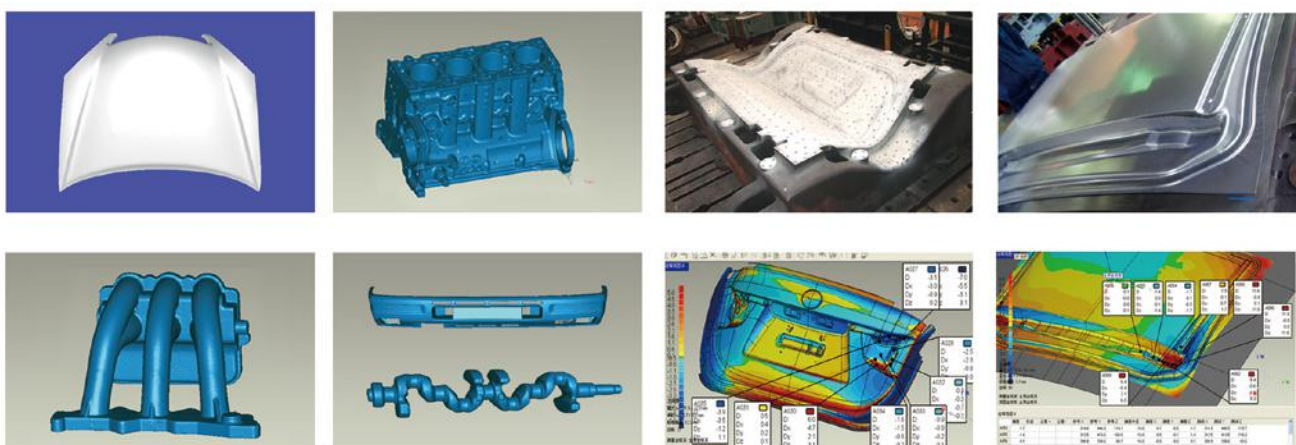Accuracy up to 0.03mm, under German VDI/VDE 2634 standard. High scanning speed up to 240000 scans/s.

■ **High Compatibility**

Compatible with 3D photogrammetric systems to measure large workpiece.

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℃
Working humidity	10-90 %

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

Email: info@3dss.vn   Tel: +84 8 7304 7788   Web: 3d-smartsolutions.com