







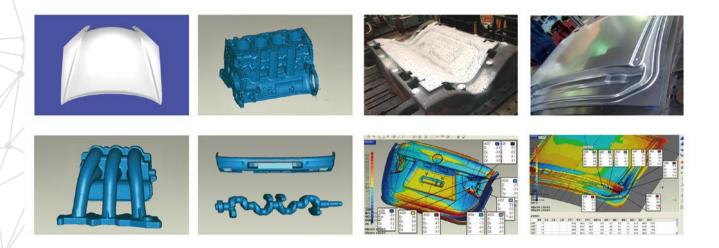
Light Body, Easy Operation
Portable, narrow space operation accessible, external clamping positioning not needed.
Large Measurement Space
Almost unlimited 3D scanning, not affected by size, texture or color of the object.
High Accuracy, High Speed
Accuracy up to 0.03mm, under German VDI/VDE 2634 standard. High scanning speed up to 240000 scans/s.
High Compatibility

Compatible with 3D photogrammetric systems to measure large workpiece.

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Specification

ModelFreeScan X3Weight0.8(kg)Size135x80x300(mm)Light source6 line laser array, Class II(eye safe)Scan rate240000(scans/s)Scanning area230x250(mm)Resolution0.100(mm)Measurement accuracy0.02 – 0.05(mm)Volume precision0.020+0.025(mm/m)Volume precision0.020+0.025(mm/m)Working distance300(mm)Scan depth250(mm)Scan depth250(mm)Data compatibility software0.1-6(m),extendable (object size)Data compatibility software3D System(GeomagicSolutions) InnovMetric Software(PolyWorks) Dasault Systemes(CATIA V5 & Solid Edge) Autodesk(Inventor/Alias/3ds Max/Maya/Softimage)Transmission modeUSB 3.0Working temperature-10-40 CWorking humidity10-90 %		
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Measurement accuracy0.02-0.05(mm)Volume precision (combined with DigiMetric)0.020+0.100(mm/m)Volume precision (combined with DigiMetric)0.020+0.025(mm/m)Working distance300(mm)Scan depth250(mm)Measurement range (object size)0.1-6(m),extendableData compatibility softwareInnovMetric Software(PolyWorks) Dassault Systemes(CATIA V5 & SolidWorks) PTC(Pro/ENGINEER)/Siemens(NX & Solid Edge) Autodesk(Inventor/Alias/3ds Max/Maya/Softimage)Transmission modeUSB 3.0Working temperature-10-40 C	Scanning area	230x250(mm)
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Measurement range (object size)0.1-6(m),extendableData compatibility software3D 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 modeUSB 3.0 -10-40 C	Working distance	300(mm)
(object size) 0.1-6(m), extendable 3D System(GeomagicSolutions) Data compatibility software InnovMetric Software(PolyWorks) Dassault Systemes(CATIA V5 & SolidWorks) PTC(Pro/ENGINEER)/Siemens(NX & Solid Edge) Autodesk(Inventor/Alias/3ds Max/Maya/Softimage) Vorking temperature -10-40 °C	Scan depth	250(mm)
Data compatibility software 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	-	0.1-6(m),extendable
Working temperature -10-40 C	Data compatibility software	InnovMetric Software(PolyWorks) Dassault Systemes(CATIA V5 & SolidWorks) PTC(Pro/ENGINEER)/Siemens(NX & Solid Edge)
	Transmission mode	USB 3.0
Working humidity 10-90 %	Working temperature	-10-40 °C
	Working humidity	10-90 %

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

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