



Polyga S1 3D SCANNER

Affordable **X** Powerful

Easy to Use, High Accuracy 3D Scanning

Convenient and easy to use, this professional 3D scanner is factory calibrated for accuracy to get you 3D scanning in no time. The Polyga Compact 3D scanners are great for any companies, manufacturers, academic institutions, visual effect studios, and research labs that need accurate and reliable 3D scan data for visualization and measurement applications including:

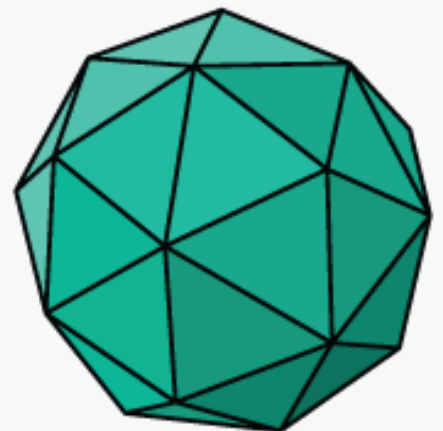
- Reverse engineering
- Computer and robotic vision
- Scientific measurement and documentation
- Quality inspection
- 3D modeling
- Rapid prototyping / 3D printing

Great for mechanical parts, human hands / faces, dental molds, plastic parts, figurines

The S1 comes in two models. The standard S1 with a 100mm diagonal FOV and the S1 Wide (S1w) with a 200mm diagonal FOV.

S1 for parts: **5 to 30** cm in size

S1w for parts: **10 to 60** cm in size





Easy to Set Up

Simply connect the Polyga Compact 3D scanner and install the included FlexScan3D software on your computer. The system is now ready for 3D scanning.



Capture 3D Scans Fast

Only minutes after setup, the Compact 3D scanners capture 3D scans with millions of 3D measurement points in under one second with high accuracy.

1, 2, 3



Take It To Go

With a sleek and slim build, these desktop 3D scanners make it easy to take along when travelling. Put it in your suitcase or travel case and you're ready to go.

Specifications

Cameras:	2 x 2 megapixel mono or color
Size:	27cm x 16cm x 6cm
Scan Speed:	150 ms (0.15 seconds)
Field of View S1:	95 x 75 - 115 x 100 mm (100mm)
Field of View S1w:	155 x 125 - 255 x 205 mm (200mm)
Average Points:	2 Million
Point to Point Distance S1:	0.07 mm
Point to Point Distance S1w:	0.125mm
Accuracy S1:	35 microns
Accuracy S1w:	50 microns
Standoff S1:	170mm
Standoff S1w:	300mm
Export Formats:	PLY, STL, OBJ,ASC
Scanning Software:	FlexScan3D

