

AUTOSCAN

AutoScan is an effective automatic 3D measurement system. It integrates the knowledge of Automatic, LED optical tracking and laser 3D scanning. AutoScan takes great advantage of accuracy, measurement range, efficiency and quality, easily operating without any experience and automatically completing online 3D measurement.

AutoScan is positioned by a separate tracking camera. Comparing with traditional online inspection system, it has higher position precision and provides powerful technical support for industry 4.0.

AutoScan-SOLO



AutoScan-DUO



AUTOSCAN Technical Parameter

Type	AutoScan-SOLO	AutoScan-DUO
Measurement range	Up to 6m	Up to 10m
Spatial accuracy	2.5m	0.08mm
	6m	0.15mm
	10m	—
System Accuracy	Up to 0.04mm	Up to 0.03mm
Laser class	ClassII (eye Safe)	
Measurement rate	480000 measurements/s	
Stand-off distance	300mm	
Depth of field	250mm	
Environment requirement	Work temperature	-10°C~45°C
	Storage temperature	-25°C~65°C
	Humidity	<95%, no condensation
Output format	stl, stp, igs, ply, xyz, dae, obj, asc	

Unique Tracking Technology

- Led optical tracking technology
- Without markers & initiative location
- Deliver top precision 3D digital solution

Fast Speed High Precision

- Volumetric accuracy is up to 0.03mm
- Volumetric accuracy is 0.04mm for 2.5m size object
- Volumetric accuracy is 0.12mm for 10m size object
- Truly meet the high accuracy measurement for large volume requirement

Self-generate Report

- Automatically complete the process from scanning to report generating
- Maximize the measurement efficiency for manufacturing

Volume Inspection

- Performs 3D measurement continuously
- Force your product quality in great control

Fully-automatic

- Delivers low-volume inspection without labors
- Off-line programming
- Easily operate without any experience

Military Quality

- Carbon material with aerospace grade to ensure premium quality

