3D Scanner

Description

- Multi mode composite 3D scanner
- Large format scanning mode, improving scanning efficiency, suitable for mold scanning work with ultra large format
- Multi mode switching,measurement rate up to 2.1 million times/second, single frame efficiency increased by 300%
- Metrology-grade precision and low cumulative error.
- High speed and silk-smooth scanning experience
- Stable repeatability
- Built for all scenarios, the more complex workpieces, the better performance of scanning







Art.No.	112-CS10010	112-CS10030	112-CS10050	112-CS10070	112-CS10090
Scan speed	1,650,000 times/second	1,650,000 times/second	2,100,000 times/second	2,020,000 times/second	2,020,000 times/second
Scan mode	High-speed scanning, large-area scanning, deep-hole scanning, fine scanning(optional)				
Light source	30 beam crossed laser lines + 1 laser line beam	14 beam crossed laser lines + 1 laser line beam	30 beam crossed laser lines + 1 laser line beam	22 beam crossed laser lines + 1 laser line beam	22 beam crossed laser lines + 1 laser line beam
Laser class	Class 2M				
Resolution	0.01 mm Up to 0.01mm				
Accuracy	0.03 mm	0.02 mm	0.01mm+-0.02mm	0.015 mm	0.012 mm
Depth of field	620 mm				
Scanning range	100mm ~ 5000mm				
Volumertric accuracy	0.03+0.06mm/m	0.010mm+0.05mm/m 0.01mm+-0.15mm/m(with photogrammetry)		0.020mm+0.040mm/m	0.012mm+0.020mm/m
Compatible software	Geomagic solutions, Polyworks, CATIA V5, Solidworks, PRO/E, Inventor, Alias, 3ds Max, Maya, NX, Solid Edge				
Output formats	.ply, .obj, .vtk, .stl, .off, .ma, .txt, .asc, .neu, .xyz, .scv, .pn, .pv, .pov, ...(customizable)				
Connection standard	USB3.2				
Operation temperature	-20 ~ 40°C				
Operation humidity	10% ~ 90%RH				

