Førmbuilder

DESIGN INTELLIGENCE AWARD

2022 Design Intelligence Award

EXTR

EXTR One|EXTR-22|EXTR22 Max

- 3D modeling expert
- 3D Scanner original equipment

Global LEADER

From Zhejiang University CAD
Microsoft Asia Research

Technical Specifications

Model	EXTR-One	EXTR-22	EXTR22 Max
Depth of field(DOF)	620mm		
Scan mode	High-speed scanning large-area scanning , deep-hole scanning		High-speed scanning large-area scanning deep-hole scanning fine scanning
Light source	14 beam crossed laser lines +1 laser line beam	22 beam crossed laser lines +1 laser line beam	22 beam crossed laser lines +7+1 laser line beam
Laser class	Class2(Eye-safe)		
Scan speed	1,650,000m/sec	2,020,000m/sec	2,020,000m/sec
Scanning range	100mm~4000mm		
Scanning method	Laser scanning(safety laser)		
Accuracy	0.02mm	0.02mm	0.015mm
Volumertric accuracy	0.020mm+0.020mm/m		0.015mm+0.020mm/m
Connection standard	USB3.2		
Operating temperature range	0℃—40℃ （Non-cold temperature）		
Stand-off distance	300 mm		
Output formats	.ply,.obj,.vtk,.stl,.off,.ma,.txt,.asc,.neu,.xyz,.scv,.pn,.pv,.pov and support customized format		

