



	Freertrak - tracker	Freescan - 3D scanner
Accuracy	Up to 0.030 mm	
Volumetric Accuracy	15m³, 0.1mm	
Resolution	0.050 mm	
Measurement Rate	480,000 measurements/s	
Part Size Range (recommended)	0.2–6 m	
Connection Type	Support wireless and wired connection	
Weight	7.2kg	1.2 kg (Scanner) +900g (Airmaster)
Dimensions(mm)	1079 x 237 x 110	210 x 210 x 215
Light Source	Infrared LED	Red LED & 7 laser crosses + 1 extra line
Laser Class	N/A	Class 2
Stand-off Distance	3000mm	300mm
Depth-of-field	2000mm	250mm
Scanning Area	3000 x 2500mm	275 x 250 mm
Connection Standard	IEEE802.11n/ac, IEEE802.3ab	
Output Formats	.stl, .asc	
Operating Temperature Range	5–40°C	
Operating Humidity Range (non-condensing)	10–90%	



	Freertrak - tracker	The Probe
Accuracy	Up to 0.020 mm	
Volumetric Accuracy	15m³, 0.1mm	
Single Point Repeatability	0.060mm	
Measurement Rate	Up to 70 measurements/s	
Connection Type	Support wireless and wired connection	
Weight	7.2kg	580g
Dimensions(mm)	1079 x 237 x 110	380 x 140 x 70
Light Source	Infrared LED	N/A
Connection Standard	IEEE802.11n/ac, IEEE802.3ab	
Operating Temperature Range	5–40°C	
Operating Humidity Range (non-condensing)	10–90%	

Notice: SHINING 3D reserves the right to modify or adjust above specifications and pictures.