

# Technical Specification

ITEM		HyperScan DX-B	HyperScan Plus
Measurement Rate	Standard Scan Mode	1,340,000 measurements/s	2,100,000 measurements/s
	Fine Scan Mode	640,000 measurements/s	850,000 measurements/s
Scanning Area		Up to 550×500mm	Up to 600×550mm
Light Source		26 Blue Laser Lines+Extra Single Laser Line+7 Parallel Blue Laser Line	34 Blue Laser Lines+Extra Single Laser Line+7 Parallel Blue Laser Line
Laser Class		Class II (Eye safe)	
Resolution		Up to 0.02 mm	
Accuracy		Up to 0.025mm	
Stand-off distance		350mm	
Depth of field		400mm	
Wireless Battery Module		Scanner & Tracker are Supported	
Part Size Range (Recommended)		0.1~8m	
Weight		1.5kg	
Self-Positioning System (With Tracker)			
Volumetric Accuracy	9.6 M <sup>3</sup> (3.5m)	0.064mm	0.060mm
	17.6 M <sup>3</sup> (4.2m)	0.078mm	0.075mm
Volumetric Accuracy (Combined with PhotoShot)		0.044+0.015mm/m	
Markers Positioning System (Without Tracker)			
Scan Mode	Volumetric Accuracy	0.02+0.035mm/m	0.02+0.03mm/m
	Volumetric Accuracy (Combined with PhotoShot)	0.02+0.015mm/m	
Hole Flash Capture Mode	Volumetric Accuracy	0.03+0.035mm/m	0.03+0.03mm/m
	Volumetric Accuracy (Combined with PhotoShot)	0.03+0.015mm/m	
Model		ZG FreeBox-S	ZG FreeBox-T
Weight		1.0kg	1.3kg
Dimension		164×144×66mm	235×230×90mm
Battery Capacity		3400mAh	6800mAh
Operating Temperature		-10~60° C	
Operating Humidity		45~75%R.H.	
Working Time		3 Hours	
WiFi Standard		WiFi 5G 802.11ac	



— ZG Website —

ZG Technology Co.,Ltd.

🌐 [www.zg-3d.com](http://www.zg-3d.com) 📞 +86 27 87741893 📠 400-027-7181

✉ [marketing@zg-3d.com](mailto:marketing@zg-3d.com) 📍 BLDG A17-3,NO.555,WenHua Ave,Hongshan District,Wuhan,China.

