

Technical Specification

MODEL		MarvelScan	
SCANNING MODE		Standard Mode	Fine Mode
MEASUREMENT RATE		1,350,000 measurements/s	600,000 measurements/s
SCANNING AREA		Up to 600×550mm	
LIGHT SOURCE		22 blue laser lines + Extra Single blue laser line	Extra 5 Parallel blue laser lines
LASER CLASS		Class II (eye-safe)	
RESOLUTION		Up to 0.02mm	
ACCURACY		Up to 0.02mm	Up to 0.01mm
INDEPENDENT BUILT-IN PHOTOGRAMMETRY	VOLUMETRIC ACCURACY	0.02mm/m	
	AVE. DEVIATION	0.007mm/m	
	DEPTH OF FIELD	600mm-5000mm	
VOLUMETRIC ACCURACY	MARKER-FREE	0.05+0.02mm/m	
	WITH MARKERS	0.02+0.035mm/m	
	WITH INDEPENDENT BUILT-IN PHOTOGRAMMETRY	0.02+0.02mm/m	
	WITH PHOTOSHOT	0.02+0.015mm/m	
HOLE ACCURACY		Up to 0.03mm	
HOLE VOLUMETRIC ACCURACY	MARKER-FREE	0.06+0.02mm/m	
	WITH MARKERS	0.03+0.035mm/m	
	WITH INDEPENDENT BUILT-IN PHOTOGRAMMETRY	0.03+0.02mm/m	
	WITH PHOTOSHOT	0.03+0.015mm/m	
STAND-OFF DISTANCE		350mm	150mm
DEPTH OF FIELD		450mm	150mm
DEPTH OF FIELD[@FURTHEST RANGE]		550mm	
WEIGHT		1.3kg	
DIMENSION (L×W×H)		300×130×75mm	
ZG-Probe Portable CMM			
PORTABLE CMM		Optional	
REPEATIBILITY		0.03mm	
MEASUREMENT RATE		60Hz	



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