



3DeVOK

Apex Metrology

High-Precision Handheld 3D Scanner

3DeVOK MT Gen2

Quad-Light, Unlimited Precision



Upgraded System Performance

Accuracy up to 0.03 mm, resolution up to 0.05 mm, frame up to 80 fps.



Professional-Grade Software

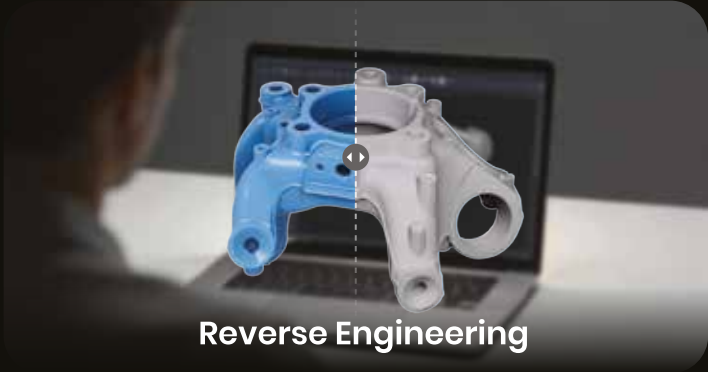
Marker pre-scan for higher accuracy, supporting thin-wall alignment and dual point-cloud merging.

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Price: **£6,200** +VAT

Applications



3DeVOK MT Gen2 Technical Parameter				
Light Source	34 Cross Blue Laser Lines	11 Parallel Blue Laser Lines	1 Single Blue Laser Line	Infrared VCSEL Structured Light
Safety of Lasers	Class II (Eye-safe)			Class I (Eye-safe)
Basic Accuracy*	Up to 0.03 mm			
Volumetric Accuracy*	Up to 0.03 mm + 0.04 mm/m			
Point Distance	0.1 mm	0.05 mm	0.1 mm	0.2 mm
Alignment Mode	Hybrid, marker, texture, and feature alignment			Hybrid, texture, and feature alignment
Ability to Capture Texture	Yes			
Maximum Scan Distance	1,000 mm	295 mm	600 mm	1,500 mm
Focus Distance	325 mm	210 mm	325 mm	400 mm
Field of View*	140 mm × 140 mm – 490 mm × 490 mm*			50 mm × 75 mm – 1,100 mm × 1,000 mm
Scanning Frame	Up to 80 fps			Up to 30 fps
Scanning Speed	Up to 3,300,000 Points/s			Up to 4,500,000 Points/s
Output Formats	*.obj, *.stl, *.ply, *.asc, *.mk2, *.txt, *.epj, *.apj, *.spj, *.map, *.sk			
Operating Conditions	0–40 °C, 10%–90% RH (non-condensing)			
Interface	Support USB 3.0 wired and Wi-Fi 6 wireless transfer (Airgo wireless handle sold separately)			
Scanner Dimensions & Weight	Dimensions: 215 mm × 73 mm× 53 mm; Weight: 620 g			
Power Source	DC: 12 V, 5.0 A			
Certifications	CE-EMC, FCC, RoHS, IEC 60825, IEC 62471, WEEE, KC			
Recommended Configurations for PC	OS: Win10/Win11, 64-bit; CPU: i7-13650HX and above; RAM: 32GB and above; Graphic Card: NVIDIA discrete graphics card, NVIDIA RTX3060 and above; Graphics memory: 6GB and above			

*Cross Blue Laser Lines
*Accuracy statement: Laboratory theoretical accuracy tested; each unit comes standard with a calibration certificate.

