THOR 3D

3D scanner DRAKE

One scanner. Any object.



Drake is the first hand-held 3D scanner that scans almost anything. Choose 1, 2 or 3 sets of lenses to digitize objects as small as a coin and as large as a tractor. Furthermore, Drake is also unique because it uses two projectors and a proprietary mathematical method to achieve unmatched results while scanning the most difficult objects. The complementary, powerful editing software, Thor3D Suite, is easy to use and intuitive and is sure to impress. The perfect tool for engineers, universities, museums, graphic design studios and 3D scanning bureaus, as well a great companion to any 3D printer.



Mini lens Midi lens Maxi lens



- The first ever 3-in-1 3D scanner for objects of any size.
- Patented hardware and software achieve the best results even on difficult-to-scan objects with sharp edges and shiny, thin walls.
- Wireless, hand-held, portable and for any object.
- Ideal for universities, 3D scanning service bureaus, engineers, museums and visual effects studios.

Technical specifications

	Mini	Midi	Maxi
Accuracy, up to	40 microns	70 microns	150 microns
Accuracy over distance, up to	0.030% over 1m	0.025% over 1m	0.020% over 1m
Resolution, up to	0.15mm	0.5mm	0.8mm
Texture		Yes, 1.3MP	
Light Source		White LED	
Optimal stand-off distance	15cm	45cm	75cm
Recommended size of object	0.5–20cm	10–100cm	0.30–8m
Scanning area per frame, mm (min - max)	50x64 – 96x128	158x211 – 321x429	428x571– 857x1142
Frame rate, up to	10		
Data acquisition speed, up to	1 200 000 points/sec		
Multi-core processing	Yes		
Output formats	STL, OBJ, WRML, PLY		
Dimensions, in mm	363 x 250 x 114		
Weight	2.3kg		
Power	Built-in rechargeable battery, up to 1.25 hours		
Power charger	12V, 60W		
Touchscreen	Built-in 7in screen		
Software	Thor3D Suite (complimentary)		
Data transfer modes	USB Flash drive or WIFI		
Minimum computer requirements	Windows 8.1, 10; Intel Core i7; NVIDIA GeForce 400 or better (with memory of 2 GB or better); RAM: 16 GB		
Operating temperature	+5C ~ +35C		
Operating humidity	20 ~ 80%		

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