

# THOR<sup>3D</sup>

## 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 as a great companion to any 3D printer.



- ▶ 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.



Mini lens

Midi lens

Maxi lens

### 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%	