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%	

THOR 3D

3D scanner THOR 3D
Scan any large object with ease

Thor3D is a wireless, hand-held 3D scanner for large and medium objects such as humans, cars, yachts or statues. With a touch-screen and a built-in computer and battery, bring this device anywhere your job takes you. The complementary software can automatically finalize and export a ready-to-print 3D model in just a few minutes or use advance editing tools to alter your models with ease.

▶ Capture 1–10m sized objects quickly and accurately.

▶ Wireless, with a built-in battery and touchscreen.

▶ Watertight, ready-to-print models done automatically and in record time.

▶ Ideal for reverse engineering, heritage preservation, industrial applications, medicine and education.

Technical specifications

Accuracy	200 microns
Accuracy over distance, up to	0.020% over 1m
Resolution, up to	1mm
Texture	Yes, 1.3MP
Light Source	White LED
Optimal stand-off distance	110cm
Recommended size of object	50cm - 10m
Scanning area per frame, mm (min - max)	457x610 – 914x1220
Frame rate, up to	10
Data acquisition speed, up to	1 500 000 points/sec
Multi-core processing	Yes
Output formats	STL, OBJ, WRML, PLY
Dimensions, in mm	18cm x 22cm x 36cm
Weight	1.8kg
Power	Built-in rechargeable battery, up to 1.0 hours
Power charger	12V, 60W
Touchscreen	Built-in 5in screen
Software	Thor3D Suite (complimentary)
Data transfer modes	USB Flash drive or WIFI
Minimum computer requirements	OS: Windows 8.1, 10; CPU: Intel Core i7; Graphics card NVIDIA GeForce 400 or better (with memory of 2GB or better); RAM: 16GB
Operating temperature	+5C ~ +35C
Operating humidity	20 ~ 80%