

NO MARKERS

NO FIXED MOUNTS

NO LIMITS



EFFORTLESS 3D SCANNING

The Artec 3D Scanner is a portable 3D camera that captures video, each single frame of which is a three-dimensional image. Simply walk around the object capturing it with the camera from various angles, and the accompanying software automatically combines all the scanned frames into a single mesh. The Artec scanner has a measuring speed of up to 1.5 million points per second while also providing high resolution (up to 0.2mm) and high accuracy (up to 0.02mm).

ARTEC M & L MODELS



MANY 3D SCANNING APPLICATIONS

- Computer Graphics & Animation
- Medical Imaging
- Archival & Research



MH MODEL



**Superior Measurement
That Goes the Distance**

www.Exact3Dscanner.com
866-722-2600



BROAD RANGE

Various models of the Artec 3D Scanner allow for digitizing of a broad range of objects from a matchbook to a whole person or a car. It is recommended that the appropriate-sized scanner is used for a specific purpose to arrive at the final 3D image quickly and most efficiently. In certain cases, a combination of two scanners can be used to maximize accuracy and efficiency.

NEW OPPORTUNITIES

The number of uses for the Artec 3D Scanner from Exact Metrology is only limited by your imagination. It can accommodate applications in a wide range of industries including animation & computer graphics, architecture, medical, prototyping, sport, education, manufacturing quality control, film, fashion and more. Our scanner will become your indispensable business partner!

Specifications	ARTEC L	ARTEC M	ARTEC S	ARTEC MH
Dimensions, HxDxW	353x114x70mm	266x114x70mm	125x195x80mm	180x187x260mm
Weight	2.3 kg	1.9 kg	1.6 kg	1.4kg
Power consumption	12V, 36W			
Interface	1x USB2.0			
Light source	flash bulb (no laser)			
Field of view, HxW	41x32°	30x21°	30x21°	30x21°
Working distance range	0.8 - 1.6 m	0.4 - 1 m	0.15 - 0.25 m	0.4 - 1 m
Video frame rate, up to	15 fps			
Exposure time	0.0001 s			
Data acquisition speed, up to	500,000 points/s			
3D resolution				
- single frame mode, up to	3 mm	1 mm	0.4 mm	1 mm
- multi frame mode, up to	1 mm	0.5 mm	0.2 mm	0.5 mm
3D accuracy				
- single frame mode, up to	0.3 mm	0.15 mm	0.05 mm	0.15 mm
- multi frame mode, up to	0.1 mm	0.05 mm	0.02 mm	0.05 mm
Calibration	< 1 min (no special equipment required)			
Output formats	OBJ, STL, PLY, WRML			
Processing capacity	40'000'000 triangles/1GB RAM			
Multi core processing	Yes			
Compatibility	Windows XP, Windows Vista, 32bit, 64 bit			
Minimum computer requirements	Intel® Core™ 2 duo, 2Gb RAM, NVIDIA GeForce Go 7400			



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- The Artec 3D Scanner comes with:
- Power supply
 - Broadway™ Scanning Software
 - Documentation CD