

MEPHISTO EX



Mephisto EX BodyScanner Set

Based on the high-end Mephisto 3d scan engine.

Build around an high-speed AVT Pike Camera, based on a 1" light sensitive Kodak sensor.
Completed with a professional Nikkor zoom lens. Working with a Optoma EW536 High Quality Projector, producing professional scanning results for 'life' objects in HD Resolution.
Output is in .obj / .ply / .stl / .png
Data can be saved in wireframe or point cloud with or without texture,
colour per vertex, or depth map

**This Full Kit has the deepscan & turntable mode & SteadyScan (motion compensation), enabled.
It comes with Mephisto pre-installed on it's own Laptop.**

Technical Specification

Main geometry camera	Firewire 800 HDTV
Geometry Resolution	1920 x 1080 8 bits
Standard Texture Resolution	1920 x 1080 8 bits
Lens mount	C (F with Adaptor)
Standard lens	Nikkor AF Zoom 18-35mm
Supported texture cameras	Canon 1000D/ 1100D /500D/ 550D /40D/50D/5D Mark II /7D Mark II/ 1Ds
Max texture resolution	12.4 megapixels (with texture camera)
Projector type	Optoma EW536 (Optional EW610ST)
Projector resolution	1280 x 800
Projector brightness	2800 ANSI Lumens
Working Range Near (m)	0.7
Working Range Far (m)	4.5
Acquisition Time (sec)	0.5 - 1 sec (per 360° scan)
Point to point distance (mm)	0.43 – 2.8
Point accuracy (mm)	0.15 (average)
Deep Scan	Yes
Turntable mode	Yes
Steady Scan	Yes (Motion Compensation)
Canon scanning	No
Computer	Laptop included (Scanning only)
Min Room size	Min requirement 5x5M (optional 3,5 x 3,5 M)
Post processing	Automated for standard options