



Mephisto CX PRO BodyScanner Set

Based on the Mephisto 3d scan engine.

Build around an high-speed AVT Camera, based on a 1/3" light sensitive Sony sensor.
 Completed with a professional zoom lens. Working optional with an Optoma EW610ST short throw Angle Projector to reduce it's footprint, producing professional scanning results for 'life' objects .
 Output is in .obj / .ply / .stl / .png
 Data can be saved in wireframe or point cloud with or without colour.
 This Full Kit has the SteadyScan (motion compensation) enabled.
 It comes with Mephisto pre-installed on it's own Laptop.

Technical Specification

Main geometry camera	Firewire 800, 1.3 Mp
Geometry Resolution	1280 x 960 8 bits
Standard Texture Resolution	1280 x 960 8 bits
Lens mount	CS Mount
Standard lens	Computar Varifocal 5-50 mm
Supported texture cameras	Canon 1000D/ 1100D /500D/ 550D /40D/50D/5D Mark II /7D Mark II/ 1Ds
Max texture resolution	12.4 megapixels (with optional texture camera)
Projector type	Optoma EW536 (Optional EW610ST)
Projector resolution	1280 x 800
Projector brightness	2800 ANSI Lumens
Working Range Near (m)	0.3
Working Range Far (m)	4.5
Acquisition Time (sec)	0.5 - 1 sec (per 360° scan)
Point to point distance (mm)	0.074 – 3.2
Point accuracy (mm)	0.15 (average)
Deep Scan	No
Turntable mode	No
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