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 pointcloud with or without texture or color per vertex, or dep

This Full Kit has the deepscan & turntable mode & SteadyScan (motion compensation), enable
It comes with Mephisto pre-installed on it's own Laptop.
Also for postprocessing, **Rapidform XOS is included**

Technical Specification

Main geometry camera	Firewire 800 HDTV
Geometry Resolution	1920 x1080 8 bits
Standard Texture Resolution	1920 x1080 8 bits
Lens mount	C (F with adaptor)
Standard lens	Nikor AF Zoom 18-35 mm
Suported texture cameras	Canon 1000D/500D/450D/ 40D/50D/5D/7D Mark II/ 1Ds
Max texture resolution	12.4 megapixels (with optional texture camera)
Projector type	Optoma EW 536
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)	1.2 – 2 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	Yes
Computer	Laptop W761SUB (Scanning only)
Min Room size	Min requirement of 5 x 5 Meter room for Bodyscanner set-up
Postprocessing	Rapidform XOS included