



4D Dynamics
real 3D scanning solutions

Mephisto extreme

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
Supported texture cameras	Canon 1000D/500D/450D/ 40D/50D/5D 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)	0.3-1.5
Point to point distance (mm)	0.43 - 2.8 / 0.14 - 0.85 (with Micro add-on)
Point accuracy (mm)	0.05 (average)
Deep Scan	Yes
Turntable mode	Yes
Steady Scan	Optional (Motion Compensation)
Canon scanning	Yes
Computer	Laptop W761SUB (Scanning only)