

SS14 3D Body Scanner

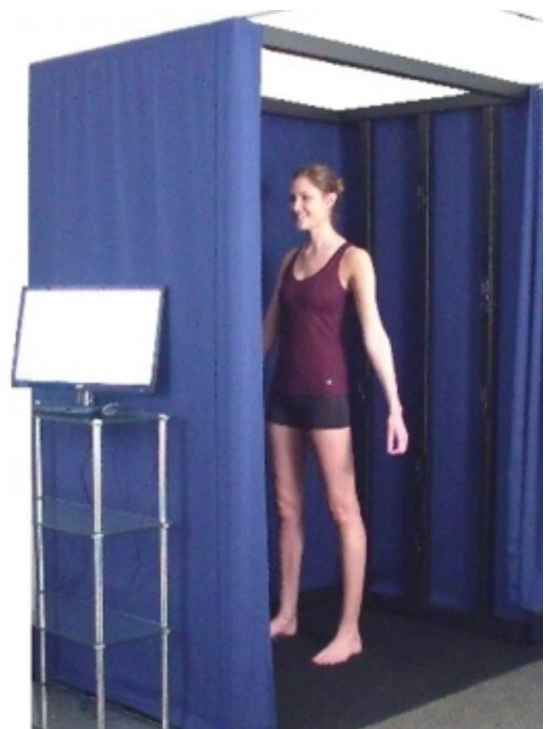
Market Leading Features:

- Scan in 6 seconds
- Small footprint: 1.65 x 1.07 x 2.16 meters

Applications Include:

- Custom Clothing
- Size Prediction
- 3D Printing
- Measurement Tracking
- Size Surveys
- Health and Fitness
- Medical

Addressing 3D body scan and body measurement needs from retail to research with high quality and low cost body scanners with automatic body scan measurements...



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Specifications:

- Sensor Configuration: Six angles around the body at seven different heights (14 sensors total)
- Technology: Infrared Depth Sensor
- Mechanical Construction: Rigid welded steel extrusion
- Included CPU Configuration: Intel Quad Core i5, 4 gigabytes RAM, 500 gigabytes HD
- Operating System: Windows 7 64-bit, Windows 10
- Operational Power Requirements: < 5A, 100-240V source supported
- Setup Time from Package: <<1 hour typical
- Booth Size (in/m): Length 65/1.65; Width 42/1.07; Height 85/2.16

Features:

- Color 3D scan mode
- Logic engine for measurement-based formulas (body shape, body composition, size selection, etc.)
- Auto generate water-tight mesh from raw scan data, auto generate avatar from measurements
- Two variable height stability handholds
- Privacy curtain and zero square footage changing room (curtain)
- Customizable audio instructions via software
- Multi-language support: English, French, Spanish, Japanese, Chinese
- ISO 20685 Measurement Standard Protocol Support
- Reposing and animation of 3D body scan avatar (.fbx format rigging)
- File formats supported Measurements: ASCII and gerber .ord, body mesh/avatar: .obj animated avatar: .fbx, raw point cloud: .obj and .wrl

Performance Parameters:

- Single scan time: < 6 second normal mode (8 seconds for color acquisition)
- Multi scan mode (5X multi-sampling scan mode @ 6 second per scans)
- Data Processing Time: <30 seconds
- Circumferential Accuracy (cylinder test): < +/- 5mm
- Surface data density: ~ 1mmX1mm, > 1.5 million points for full body
- Scan Volume: 2.15m (front/back) X 0.95m width X 0.8 – 1.2m depth
- Automatic Extracted Measurements: > 600 data points including 3D XYZ landmarks, circumferences, lengths, surface areas, and body volume
- Operating Environment: Indoors, normal office temperatures

