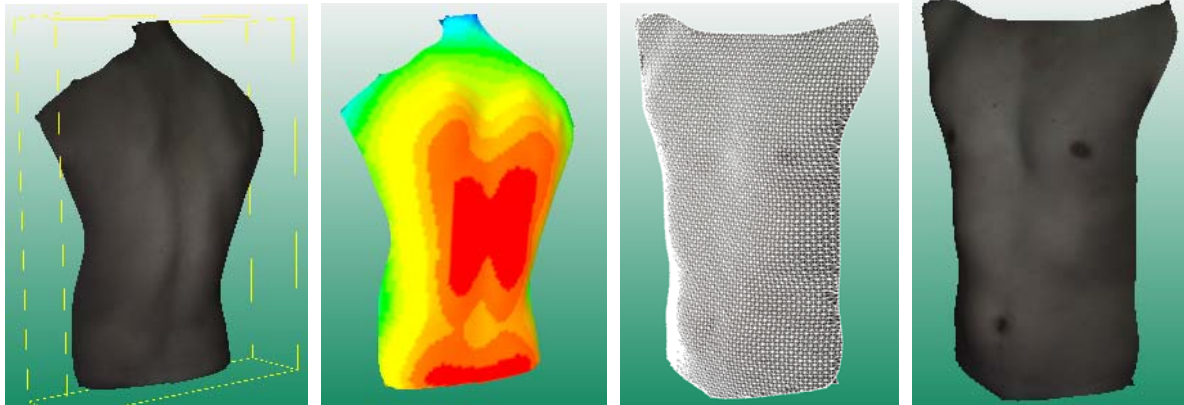
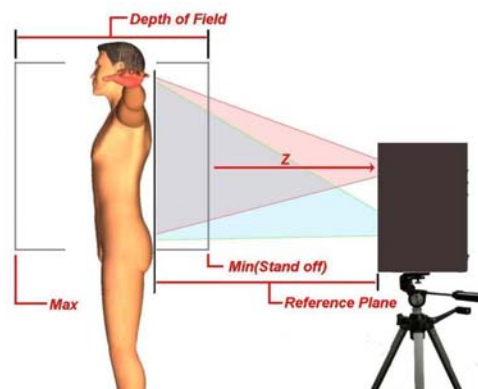


Vismach 3D Back/Chest Digitizer: Instantly captures **Back & Chest.**



3D results with Texture, Pseudo-color, and Mesh display.



Vismach 3D Back/Chest Digitizer on a typical tripod setup.

The Vismach 3D Back/Chest Digitizer employs active triangulation by fringe pattern projection, a mature technology which is widely used in 3D face, foot, body digitizing as well as industrial measurement. A number of highly respected companies around the world offer 3D digitizing solutions based on structured light projection. It is **fast**, **accurate**, and generates **high quality 3D mesh**. It has **no moving parts** to worn out or require any maintenance, it is also **safe** on the eye because we use white light, not laser.

The 3D Back/Chest Digitizer shares the same design as the 3D Orthotics Digitizer. The difference is 3D Back/Chest Digitizer uses different optics settings to achieve a bigger FOV (Field of View).

The Vismach 3D digitizer is compatible with **32/64 bit** Windows **XP**, Windows **Vista**, and Windows **7**. Output 3D file format include **OBJ**, **STL**, **DXF**, **3DS**, **ASC**, **VRML2.0**, **NET**, **VGG** (Vismach proprietary).

The Vismach software also provides **linear measurement** on 3D mesh functions.



Vismach 3D Back/Chest Digitizer Package:

- Vismach 3D Back/Chest Digitizer Unit
- Vismach 3D Reconstruction Software
- Product documentation on CD
- Universal Power Supply (110-220V)
- USB Connection Cable
- Optional Carrying Case
- One year limited warranty, parts & labor

Specification Sheet: Digitizer Hardware Version 0302 Large View

| | |
|-------------------------|--|
| Application | Back 3D Capture Chest 3D capture |
| Lighting | Normal office lighting, and relatively dim. No darkroom. |
| Standoff | 800mm (31 inch) nominal, 700mm (28 inch)~1200mm (47 inch) range |
| FOV | 620X460mm (25X18 inch) @ 800mm (39 inch) standoff |
| Speed | 0.1 second for 3D geometry. 0.5 second including color texture. |
| Accuracy | Typical 3D mesh contains around 10,000 vertices. Up to 0.5mm linear accuracy |
| File Formats | OBJ; STL; DXF; 3DS; ASC; VRML 2.0; NET; VGG (Vismach proprietary) ASC is X-Y-Z coordinate file or "point file", not the ASCII file of Autodesk |
| Computer OS | Windows XP; Windows Vista; Windows 7. Both 32 and 64 bit OS are supported. |
| Computer | Pentium-4 1GMhz or above, Memory 512M or more. |
| Power supply | 90~264V 50/60HZ AC power, worldwide compatibility |
| Size | 280 X170 X 90 mm or 11 X 6.7 X 3.5 inch |
| Weight | 3.0 Kg or 6.6 lb |
| Package Includes | 1. 3D digitizer hardware unit 2. Power adaptor and USB connection cable 3. Installation CD (Installation software, User Guide, and Tutorial) |
| Options | 1. Study carrying case. |
| Customizations | 1. Custom 3D Digitizer hardware appearance (with your logo) 2. Custom software graphic interface (with your logo) 3. Other special request projects. |

Vismach is positioned as an advanced 3D digitizing, 2D image processing, and computer graphics company. Body 3D digitizing is one of our application markets. We depend on local partners to market our products and provide daily support to end-customers. As such, we are highly flexible in terms of **customizing OEM products**. And our cost structure is highly competitive. Contact us to find out how to have **your own brand-name 3D Back/Chest digitizing system** without investing or taking any risk in research and development.