

Clinicians are able to work quickly and efficiently with a more intuitive design and organization of the OMEGA software.

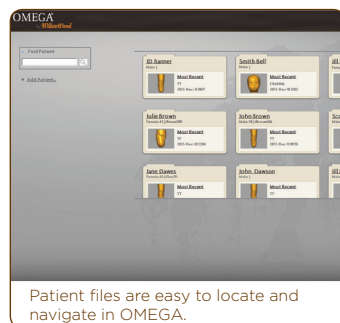
## PRODUCT HIGHLIGHTS:

- Completely redesigned software
- Retains focus on needs of the O&P professional
- Easy to navigate & manage patient files
- Customize modification tools display & workflow

## Overview

OMEGA represents a complete update to WillowWood's premier CAD system for orthotists and prosthetists. While previous versions were structurally focused around shapes and files, OMEGA is patient-centered in its organization. The software's initial screen allows clinicians to easily locate patient files and then to see a complete history for a patient as it pertains to OMEGA.

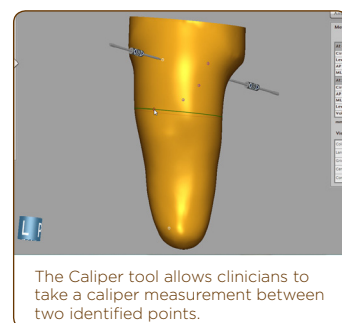
The "work space" in OMEGA is composed of three sections: (1) tools for shape capture, design and fabrication, (2) a patient shape, and (3) measurements and views. Shapes may be imported from OMEGA v12, scanned by the OMEGA Scanner 3D, or scanned using the OMEGA Structure Sensor and OMEGA Scan app. Clinicians can align orthotic & prosthetic shapes using a revamped alignment screen which provides multiple viewpoints from which to work. From then on, a clinician may customize the order of the program's modification tools to their preferred workflow to increase efficiency.



Patient files are easy to locate and navigate in OMEGA.



Clinicians may customize the modification tools display while working on shape files.



The Caliper tool allows clinicians to take a caliper measurement between two identified points.

# OMEGA®

**RECOMMENDED** For optimum performance of OMEGA software WillowWood recommends the following system requirements:

## COMPUTER REQUIREMENTS

CPU	Intel® Core™ i7, 3RD Generation
RAM	8GB
DATA STORAGE, HARD DRIVE CAPACITY, AND/OR OPTICAL DRIVE	500GB 7200RPM hard disk, DVD-RW/CD-RW drive
CONNECTIVITY or PORTS	3 USB 2.0 or greater, 100Mbps LAN (RJ45)
WIRELESS	802.11g
VIDEO	NVIDIA Graphics card with minimum core speed of 850MHz, minimum memory speed of 1800MHz, and minimum memory of 2048MB
OPERATING SYSTEM	Windows 7 Professional (64 bit)*
MOUSE	2-button USB mouse or touch pad
SOUND	Audio support with speakers
FIREWIRE CAPABILITIES	(Optional) Express Card Slot (34mm, 54mm) <b>only if use with Laser Scanner. Not required if using OMEGA Scanner 3D.</b>

\* Windows 7 (64 bit) and Windows 8 (64 bit) are supported.

## SOFTWARE TOOLS SAMPLING

Alignment adjustment tools  
 Global and interval circumference adjustment tools  
 Symmetry options  
 Shape specific regional tools:  
 - PTB, fibula head and tibial crest for transtibial applications  
 - Greater trochanter and femoral end for transfemoral applications  
 - Frontal, parietal and occipital for cranial applications  
 - Iliac crest, lumbar & thoracic areas for spinal applications  
 Change length  
 Trimline  
 Shift area

## TECHNICAL SUPPORT

Available during 8:00 a.m. through 5:00 p.m., Eastern, Monday through Friday.  
 Please call WillowWood at 800.848.4930 or e-mail [customer.service@owwco.com](mailto:customer.service@owwco.com).

## TRAINING

WillowWood offers training courses online as well as at our Education Center.  
Webinars: WillowWood offers three online courses for OMEGA. Webinar curriculums start with foundation skills for using the software and then progress to specifics for orthotic and prosthetic applications. Each webinar is instructed by an experienced WillowWood clinician.  
Education Center OMEGA Training: This two-day course introduces software tools and basic and complex OMEGA Scanner applications, and advanced tool usage. Attendees receive extensive hands-on practice in capturing and modifying prosthetic and orthotic shapes.

# OMEGA® Scanner 3D



The OMEGA Scanner 3D using structured light technology scans patient shapes faster without sacrificing accuracy.

**PRODUCT HIGHLIGHTS:**

- Use for lower extremity prosthetics & cranial remolding orthoses
- 380 mm x 380 mm scanning area
- Accuracy up to .5 mm
- USB connection
- Compatible with OMEGA 2013 and OMEGA v12

**Overview**

The OMEGA Scanner 3D uses structured light to create a 3D image. When the light hits an object the pattern deforms and is then measured by the scanner at a rate of 550,000 measurements/second. Only one or two scanning targets are required to denote shape landmarks. The scanned shape generates directly in the OMEGA software so clinicians may immediately see exactly what is captured. The structured light technology scans shapes at a faster rate with significantly less prep time than the lasers used by previous versions of the OMEGA Scanner which can save clinicians time and money.

Lightweight and portable at only 850 g, the scanner proves a convenient tool for clinicians who use the system outside of patient care facilities. Fewer scanning targets are needed which reduces patient preparation time and the scanner allows for minor patient movement without impacting the accuracy of the scan.

**ITEM NUMBERS**

Item #	Description
O-SCN-400	OMEGA® Scanner 3D
O-MS-100	Laptop Computer
O-SCN-106	Cranial Caps
O-MS-301	Cranial Model
O-MS-201	Measuring Tape
O-MS-203	AK Measuring Device

# OMEGA® Structure Sensor



The Structure Sensor is small but powerful with a resolution of 640x480.

## PRODUCT HIGHLIGHTS:

- **Highly portable due to small size**
- **Works with iPad Air and higher and iPad mini with Retina display and higher**
- **Connects via Lightning Connector**
- **Free Alpha DESIGN® Liner app and OMEGA Scan app available in the App Store**

## Overview

The Structure Sensor is the first 3D sensor for mobile devices and offers an affordable entry point for incorporating CAD into patient care. The scanner uses infrared structured light to capture an object which is then generated by the OMEGA Scan app by WillowWood as a 3D image on your iOS tablet screen. The new 3D image may then be sent to an OMEGA System workstation and imported for alignment, modification and fabrication. The compact nature and weight of the Structure Sensor make it extremely convenient to travel with and easy to scan a patient in seconds. The Structure Sensor is accurate to about 4 millimeters from a distance of 40 centimeters. The Structure Sensor with the OMEGA Scan app is ideal for scanning lower extremity residual limbs.



## WARRANTY

90 days from date of invoice

## ITEM NUMBERS

Item #	Description
O-STR-100	OMEGA Structure Sensor with iPad Air Bracket
O-STR-101	OMEGA Structure Sensor with iPad mini Bracket
O-STR-108	OMEGA Structure Sensor with iPad Air 2 Bracket
O-STR-104	Lightning Cable
O-STR-105	Power Adapter

# Tracing Hardware



**PRODUCT HIGHLIGHTS:**

- **Perfect for ‘hands-on’ approach**
- **380 m x 380 m scanning area**
- **Compatible with OMEGA v12**

**Overview**

The Tracing Hardware provides practitioners flexibility in its application. It can be used for prosthetic and orthotic shape capture by tracing a shape using the Tracing Pen. This CAD tool is best suited for practitioners who want a more interactive and “hands-on” approach in capturing and modifying a shape. The Tracing Hardware includes a Tracing Wand that fits over the Tracing Pen and allows practitioners to trace, or duplicate, existing prosthetic sockets and orthotic devices such as AFOs, Spinals, and knee braces. The Tracing Hardware (Black Bag) includes the Tracing Pen, Tracing Wand, and Digital Calipers.

ITEM NUMBERS	Item #	Description
	OMG-00225	Tracing Hardware

# OMEGA® Digitizing Service



Using CAD in your O&P facility means no longer having to store plaster casts and molds. Store your shapes electronically instead.

## PRODUCT HIGHLIGHTS:

- **Digitize plaster casts for electronic medical records and office space savings**
- **Service conducted conveniently at customer facility with no staff time required**
- **Digitized orthotic and prosthetic shapes easily upload into OMEGA Software**

### Overview

While retaining patient shapes is essential for every O&P facility, saving a plaster version of those shapes consumes valuable office space. Fortunately, this is no longer necessary. OMEGA Digitizing Services are designed to efficiently convert plaster molds and casts into 3D electronic shapes that may be uploaded to OMEGA Software. Shape files are named according to each office's patient identification structure, allowing for easy retrieval when working in OMEGA.

Using the OMEGA Scanner 3D and Tracing Pen, a WillowWood technician works on-site at a customer's office to capture the shapes and import them into OMEGA Software. The shape files are then stored electronically for future patient care needs.

This service converts your entire inventory of plaster models without any interruption to the daily responsibilities of your staff. Once the molds and casts are digitized, they can be discarded to reclaim precious office space.

### ITEM NUMBERS

Item #	Description
O-MSC-905	OMEGA® Digitizing Services, 1 Day