



LASERCAM
ORTHOTICS



Meet the LaserCAM VPS full-colour true 3D scanning system.



What is 3D scanner?

A 3D scanner is a device that analyses a real-world objects and allows for the capture of a physical objects exact size, shape and even colour. This capture can then be used in computer-aided-design (CAD) to design orthoses prior to computer-aided-manufacture (CAM).



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Contact Details

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Introducing the LaserCAM VPS

Our most highly accurate and simple scanning solution.





The Basics

Some basic facts about our latest offering.

Software Included

Not Lab Locked

Accurate & Full Colour

Two-camera System

LaserCAM Integration



Open-Loop System

If you are new to CAD/CAM technologies then you may not be familiar with the terms **closed-loop** and **open-loop**. Let us break it down for you.

An **open-loop** system is one that allows a user to make flexible decisions regarding equipment such as three-dimensional scanners, or even software used to design orthoses. For a podiatrist purchasing an **open-loop** scanner would mean that they could change labs if they were dissatisfied.

On the opposite side of the coin, a **closed-loop** system would lock a user into using a particular laboratory or CAD software. This type of approach decreases the likelihood of podiatrists changing laboratory services or CAD software, despite potential benefits to patient care.



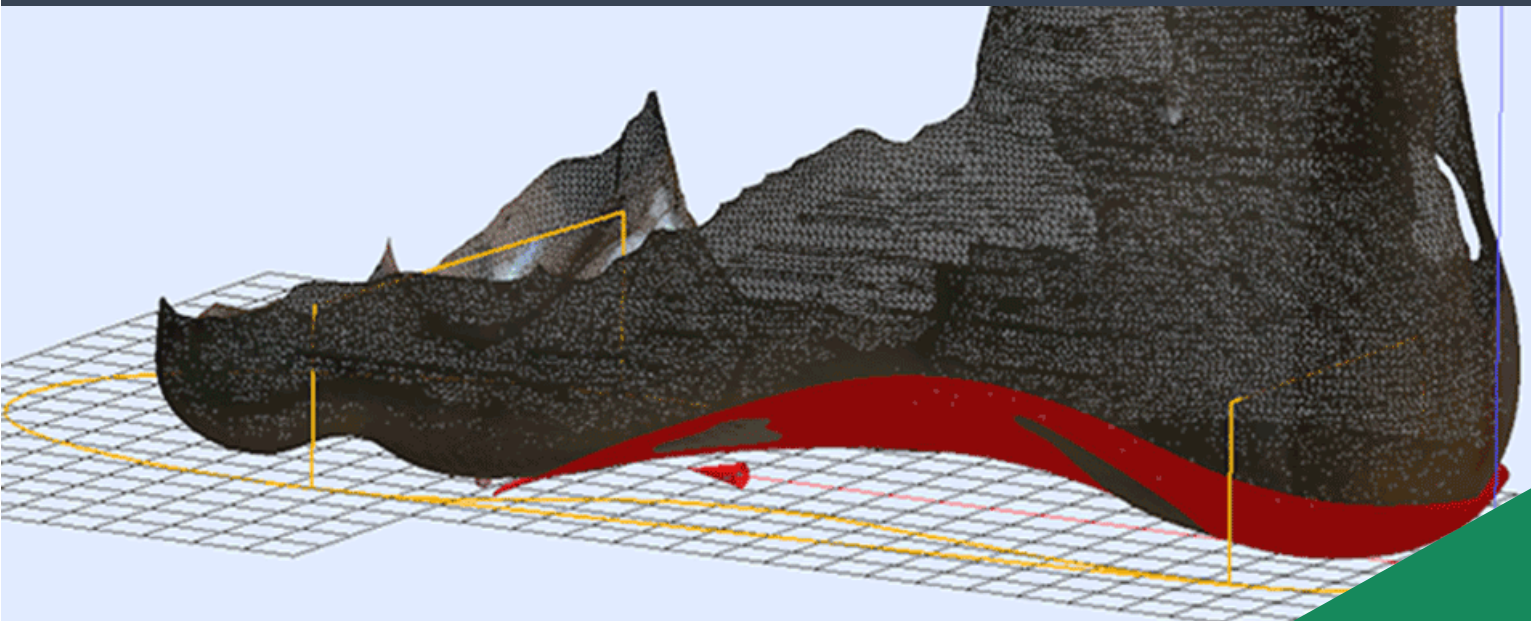
You can use 3D scans captured with this scanner with a wide variety of orthotic laboratories and software.





Points of Difference

3D scans captured with the LaserCAM VPS are highly accurate and contain true vertex colouring. This means that laboratories can utilise clinical reference measurements drawn directly onto the plantar surface of the patient's foot. Colour scanning allows a podiatrist to prescribe orthoses with a higher degree of accuracy than standard STL capture.



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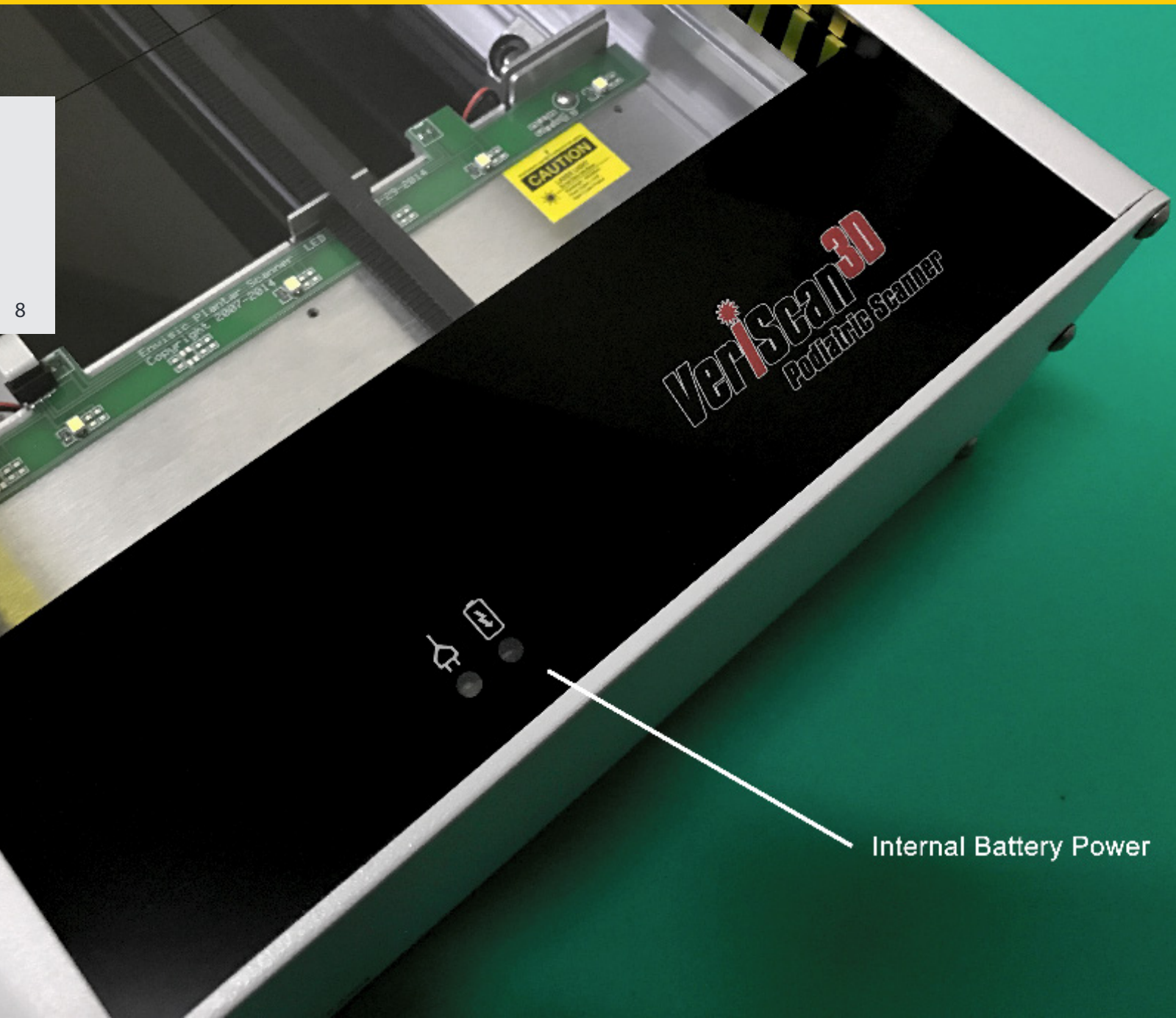
The LaserCAM VPS can capture using NWB, SWB and WB methodologies, both prone and supine.

Technical Specifications

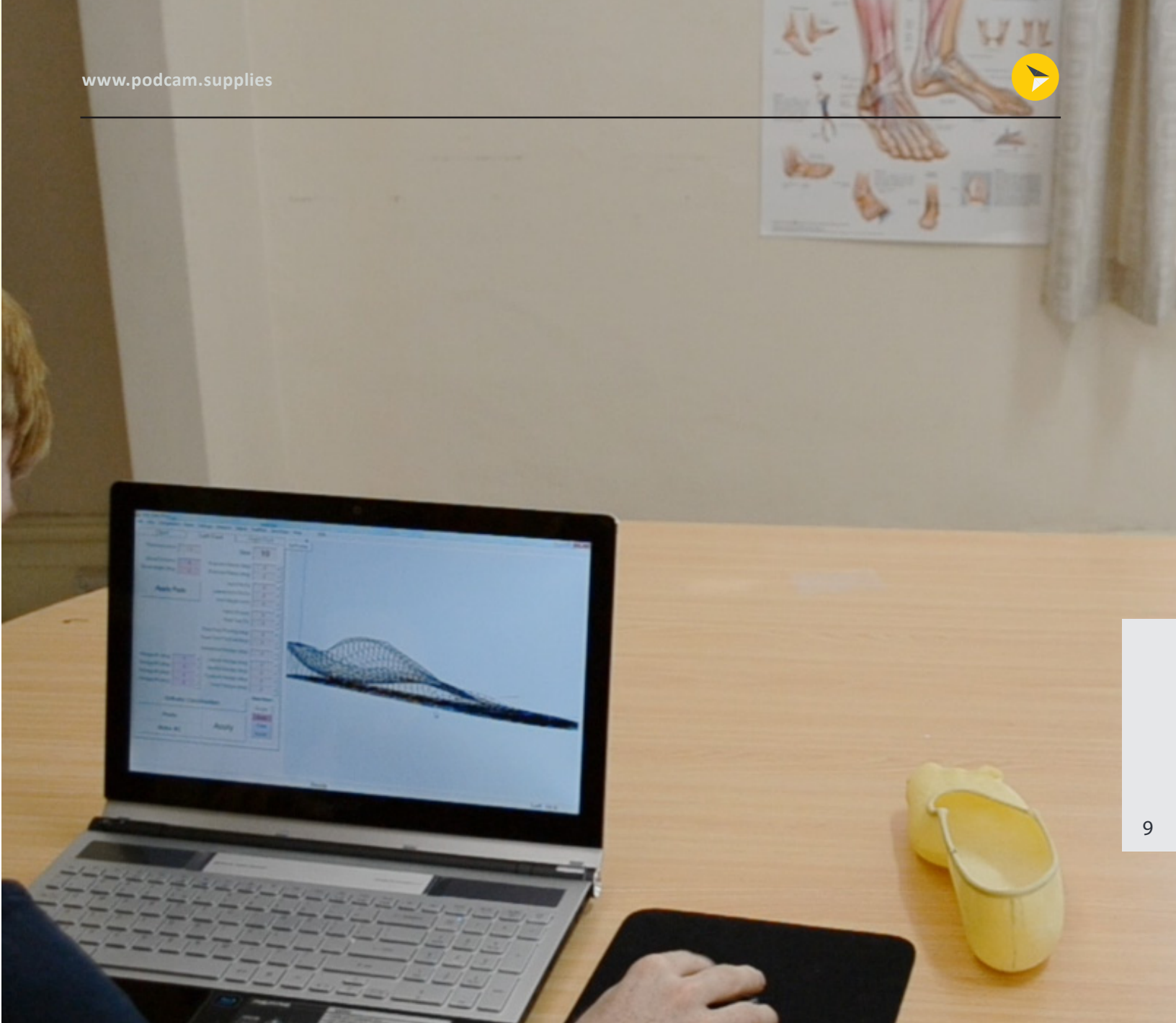
Two-camera system
Red-line laser technology
Per-vertex true 3D colour
STL and VRML Output
Imperial and Metric Output
Weight: 7kg
NWB, SWB or WB Capture
Stand Included
USB-A Output
Internal Battery Power
External Power: 35V - 1.56A



The LaserCAM VPS scanner can be financed through Medfin. Please contact us for more information regarding financing.



Internal Battery Power



We can custom tailor computing solutions so that computer-aided design of orthoses can be undertaken in-clinic.



Our Group

HIGHLY TRAINED SUPPORT STAFF

Our support team consists of highly trained podiatrists, software engineers, calibration technicians and orthotic technicians. We also have an ever growing community of like-minded clinicians and laboratories that want to strive to improve the quality and understanding of orthotic manufacture within the podiatry profession.





Anthony Dwyer
Project Development

Anthony is the founder and developer of LaserCAM Orthotics and helps facilitate all system installations.

Konrad Job
System Installation & Sales

Konrad helps to train podiatrists and laboratory technicians in the use of the software in the clinic and lab.

Daniel Bagnall (BPod)
Podiatry Consultant

Daniel is an experienced clinician that can help users talk through clinical based questions.

Stuart Roeszler (BPod)
Podiatry Consultant

Stuart is an experienced clinician that can assist users in 3D scanning and CAD software training.

