OOLAB 3D LASER SCANNER

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Technical Specifications

Your 3D Scanner comes with a power supply cable, foot pedal and a connector for the computer. The scanner can be adjusted for alignment to patient's foot.

The 3D laser foot scanner is an electronic imaging equipment designed for practitioners working with patient's feet. This current foot scanner is the third generation of the product line. It is accurate and compatible with our CAD/CAM AOMS system.

Class 2 laser is utilized to scan the foot. A Class 2 laser is eye safe because the blink reflex will limit exposure to no more than 0.25 seconds.

Computer compatibility:
Windows XP, Vista or Windows 7. Mac OS not supported.

Minimum System Requirements:

- CPU: 800 MHz Intel Pentium III or AMD Athlon processor
- Hard Drive Space: 1400 MB
- RAM: 128 MB RAM
- Video Memory: 32 MB VRAM
- Parallel Port or USB port (adapter will be supplied)

Provides true 3-dimensional foot scanning capability which is compatible with today's current CAD/CAM AOMS program. The technology is clean, swift, and cost effective. The OOLab 3D Scanner records true volume unlike other scanners which record pressure points.

Warranty

6 months to the original purchase date, includes all parts and labour. Void if repair is a result of misuse, neglect or abuse. If you are encountering issues, please contact your Account Manager. Once the issue is ascertained, technical support might be provided via teleconference or remote access.

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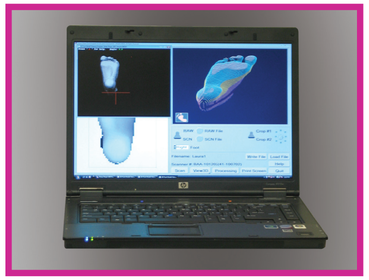
3D Scanner

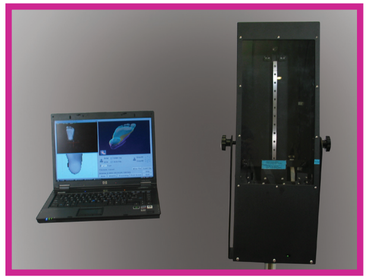
The 3D laser scanner delivers great benefits for the clinical and biomechanical analysis of the feet. Due to innovative 3D scanning technology, the OOLab device proves extremely useful, efficient and accurate. The OOLab Scanner provides quick data acquisition, taking on average 4 seconds to obtain a single scan. It is highly accurate, taking tens of thousands of measurements/second to generate a precise image of the foot. The 3D technology allows the production of customized and perfectly-fitted devices via OOLab AOMS integration software. The files are small and emailed instantaneously, which expedites the manufacturing process and reduces your orthotic turn-around times. The OOLab 3D Scanner is a great alternative to traditional, tiresome and messier methods like plaster casts and foam. The OOLab 3D Scanner encompasses the same accuracy as plaster and the speed of foam impressions. As it is true 3D technology, it is recognized by Regulatory Colleges as well as third party health insurance providers.



Applications & Solutions

Orthotics

3D scanning of the feet/toes/ankles for the manufacturing of custom-made orthotic devices. The foot is scanned and the data is acquired and transferred into CAD applications for design, measurement, rectification, retrofit and production purposes.



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Benefits

Quick data acquisition

Scanning sessions are short, which reduces the consultation duration and makes it possible to see more patients. The 3D scan of the foot takes 3-5 seconds.

Quick file transfer

The system generates direct 3D files that can be electronically transferred in seconds.

Non sensitive to movement

Even with slight movements from the patient, the system is able to pursue the data acquisition without any loss in accuracy.

User-friendly

The session can be paused and resumed if necessary. Very short learning curve; no extensive training required.

3D archiving

The system generates 3D files that can be archived in electronic medical record databases: no more heavy casts and moulds to store in warehouse and organize!

Clean

Great alternative to the traditional, tiresome and messier casting method.

No Shipping Cost

No plaster casts or foam impression boxes to pack and ship. No courier cost incurred.

Quick Impressions

Negative impressions taken in seconds.

No Impression Material Costs

25pk foam = $125 + HST + Shipping
Plaster box = $150 + HST + Shipping **= Savings to you**

Faster Turn Around Time

Emailed files are instantaneous which expedites the turn around of you orthotic devices by 2 business days.

The OOLAB 3D Scanner provides true 3-dimensional foot scanning capability which is accepted by Regulatory Colleges and third party health insurance carriers.

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