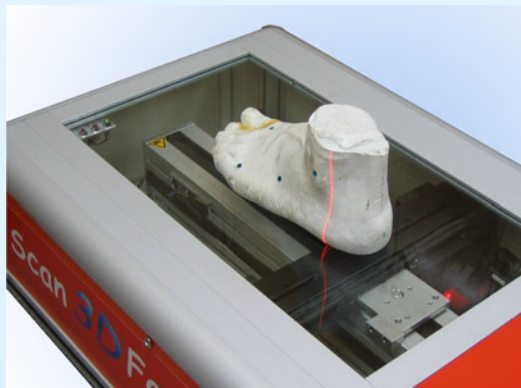




# Scan 3D FS Laser Scanning System



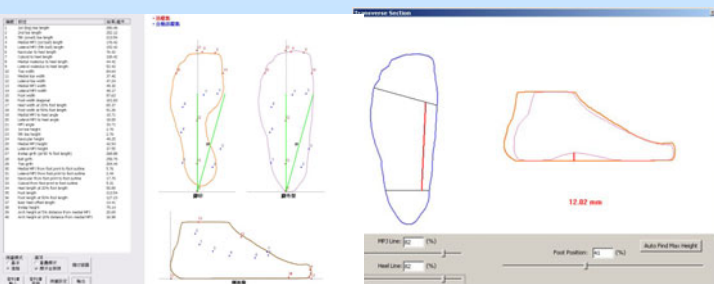
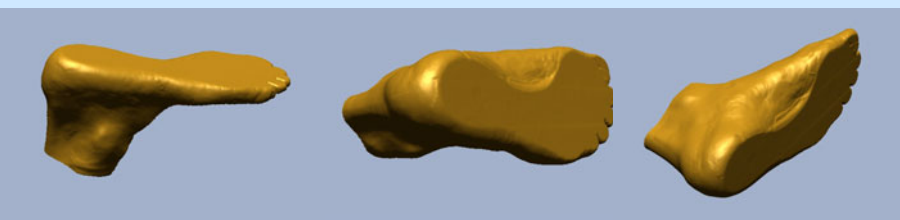
Scan 3D FS Laser Scanner

## Features

- High speed : Obtain 3D foot sole data in 10 seconds
- High accuracy : Standard Deviation < 0.2mm
- Multiple scan positions: Full, partial and non-weight bearing
- Scan object : Scan feet, plaster casts, foam box impressions or products
- Rotary Scan : Support rotary scan to scan shape in 360D (optional)

## 1 Click Scan – Fast and Easy To Use

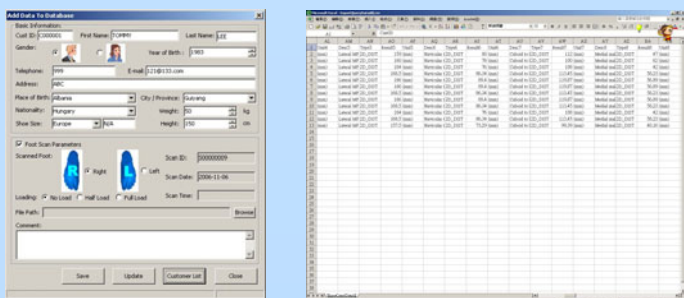
The patient simply places a foot on a transparent plate and the scan process takes only 10 seconds with a simple click in the software. Scans can be taken with the foot either weight-bearing, partial-weight bearing or non-weight bearing. The foot can also be held in a corrective position if required.



Auto measure 40 pre-defined foot dimensions

## Customizable Auto Measurement

- Support user define measurement and auto perform measurement after scan
- Build in foot measurement and database
- Build in client info database
- Support design CAD system for foot orthotics and insoles production
- Support mass customization of foot orthoses for diabetic and arthritic foot



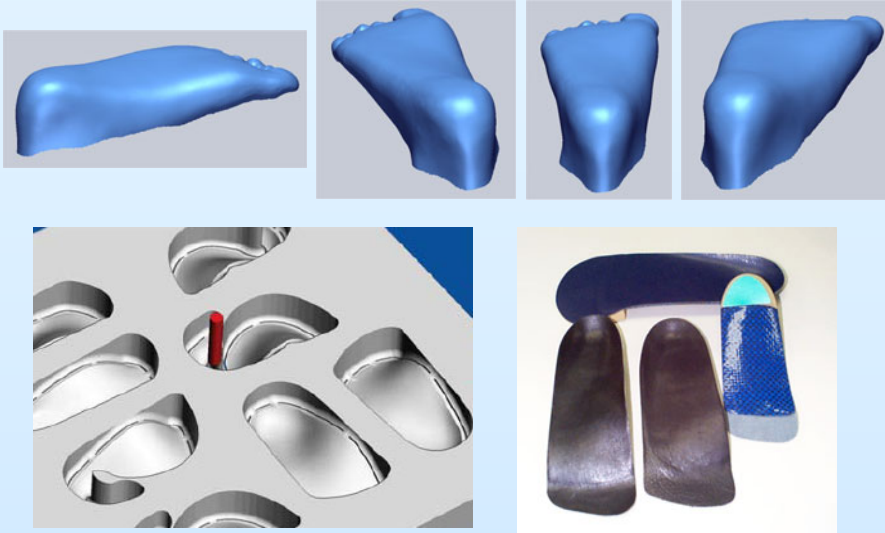
Build-in patient & measurement database

# Fast and Accurate 3D Scanning for Custom Orthotics

Scan Foot in 10 Sec

## Compatible with all Orthotic CAD/CAM Systems

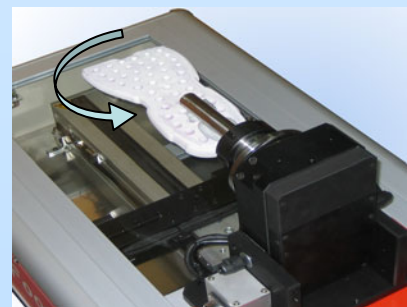
The Scan 3D FS supports a wide range of industry standard 3D file formats including DXF, STL, OBJ, IGES and VRML. Virtually all existing CAD/CAM systems, including those used for orthotic design and manufacture, support one or all of these formats.



Scan 3D FS Laser Scanner Specifications		
Model No.	Scan 3D FS1	Scan 3D FS2
Dimension	720mm(L) X 440mm(W) X 220mm(H)	
Scan Volume	170 x 120 x 350 mm <sup>3</sup>	
Laser Type	Class II Laser, 670nm, visible red spectrum	
Optical Resolution	0.12mm(H) x 0.22mm(V)	0.23mm(H) x 0.40mm(V)
Linear Repeatability	0.006mm	
Linear Accuracy	0.01mm	
Standard Deviation	0.18 mm	0.34 mm
Scan Speed	48,000 pts / sec	19,200 pts / sec
Scan Foot Time	10 seconds	
Scan Software	Scan 3D Pro	
Output Format	IGES, DXF, ASCII Point Cloud Format, OBJ, STL Triangle Surface Format	
Operating Voltage	110V / 220V AC, 50Hz	

## Optional Rotary Axis

Support rotary scan to transform the scanner into a 360 degree full view scanner to capture all product details



Using Rotary Scan to scan insole / shoe pads and accessories



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\*Remark: Product specifications, pictures and materials are only for reference, we reserve the right to make changes without notice.

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