XPOD-HD350 3D Laser Full-Foot Shoe-Last Scanner 2025.08.07

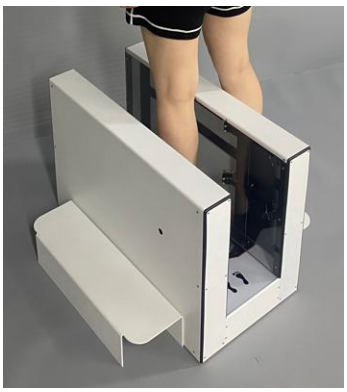
Fast true 3D laser scan with color texture
Auto landmark, measurement, and analysis report for foot scans
Custom shoes and orthotic insoles for foot clinics and retail stores

www.scanpod3d.com

XPOD-HD350 scans taller than XPOD-HD.

XPOD-HD vs XPOD-HD350

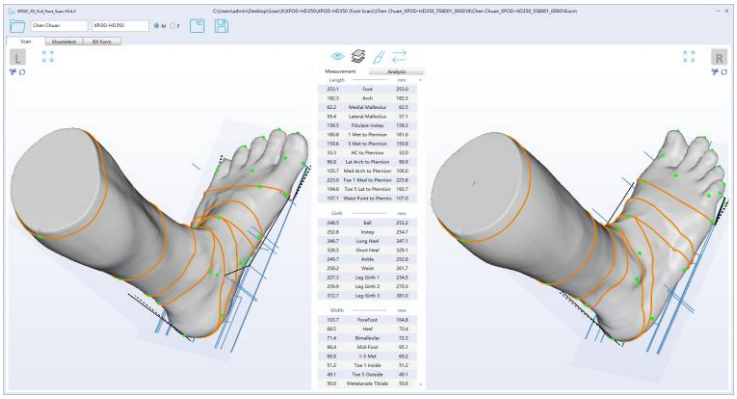
XPOD-HD vs XPOD-HD350

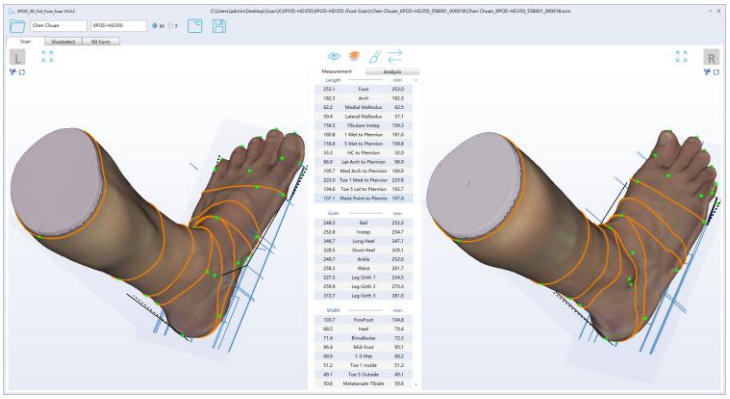


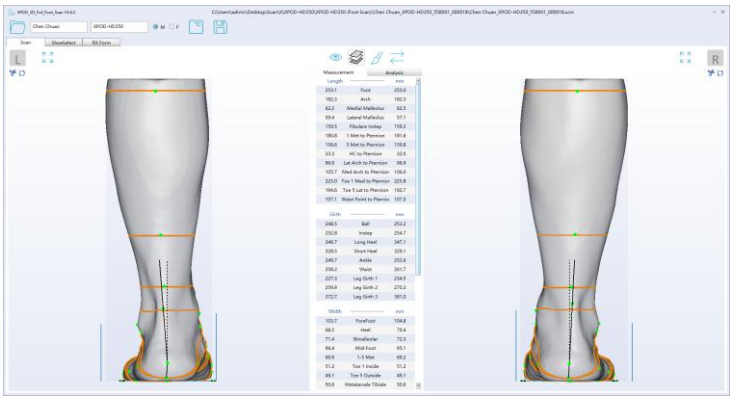
XPOD-HD350

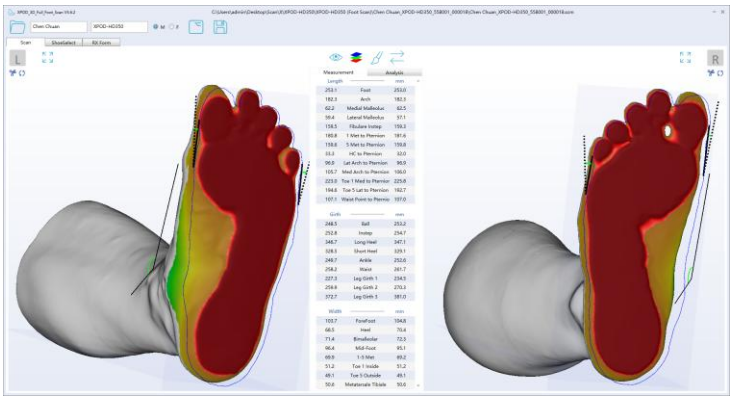
XPOD-HD350

XPOD software:



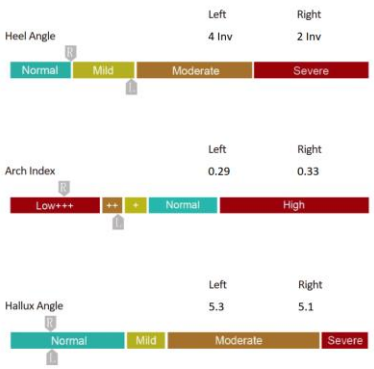


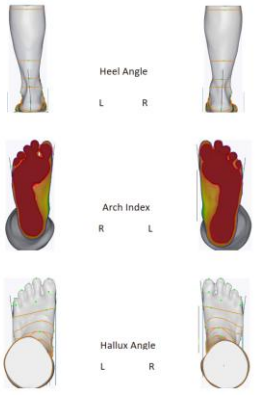




	Left	Right
Foot Length (mm)	253.1	253.0
Foot Width (mm)	103.7	104.8
Ball Girth (mm)	248.5	253.2
Toe Type	Roman	Roman
Shoe Size (EU)	40.5	40.5
Shoe Width (EU)	> G	> G

A—B—C—D—E—F—G





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XPOD-HD350 Hardware

- Full-foot 3D with color in non/semi/full-weight
- Foam Impression and Shoe Last
- Shoe lasts (shiny surface may require powder coating)
- Hand scan
- Scan Speed 3s~10s depending on resolution
- Intel Core i9-12900HK, 16G RAM, 4+ independent USB ports
  Integrated GPU OK. Recommend MINISFORUM NAB9 Plus
- Software UI or Foot switch to activate scan
- Normal lighting, open top coverless scan
- Clean 3D mesh, +/- 0.5mm accuracy
- Scan Volume: 380L X 150W X 350H mm
  Max foot size EU56/US20.5 with 10mm toe/heel gap
- Size: 660L X 340W X 460H mm
- Weight: 20.1Kg (44.3Lb)
- Load Capacity: 180Kg (397Lb)
- Power adapter AC 100-240V; DC 12V/5A
- Customizable panels design and color
- CE/FDA/PSE certification/registration
- One-year limited warranty

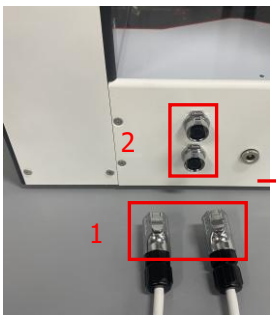
XPOD Software

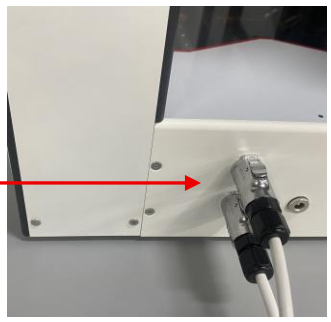
- Win10/11, doesn't support Win7/8
- Auto 30 Landmark and 43 Measurements
- Auto analysis for arch type, bunion, and heel angle
- Mark landmarks on foot then drag points to match
- PDF Foot report with manual annotations
- User-editable report templates, sell your own brand
- User-define UI and icon color and your local language
- Shoe size/width output for US/UK/EU/CN/JP standards
- 3D format STL/WRL/OBJ/PLY, 2D format JPG/PNG,
  PDF report, CSV data file
- FTP send order to shoe/insole fabrication
- User-define RX form for orthopedic shoe/insole
- Developers: CMD/EXE call scanner to receive data-
  -integration into your own CAD software and database
- Optional encrypt scanners to lock files
- Also support UPOD-S and UPOD-HD scanners

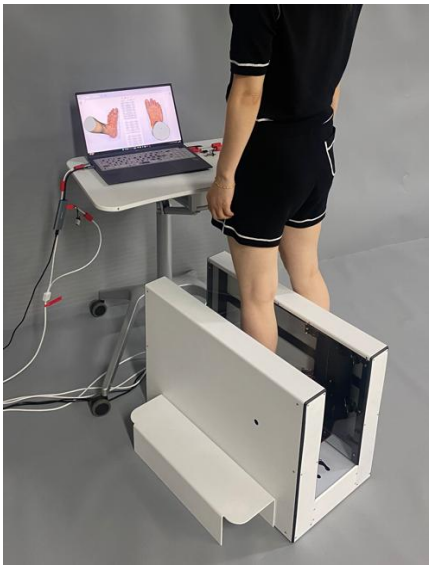
XPOD-HD350 Standard Configuration

- Scanner, two USB Cables (two red plugs), USB hub, Power Adapter, Foot Switch, and Side Standing Steps
  PC must have four free USB-A or USB-C ports, USB2.0 or 3.0 will work.
- You supply: Laptop or desktop PC with monitor/keyboard/mouse.

1. Press and push;
2. Plug in.







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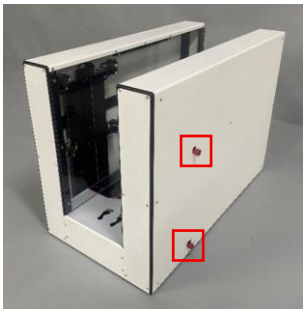
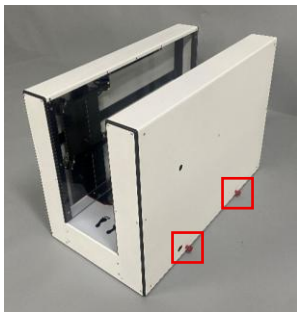
Lock Pins / Side Step Screws Installation

Ready for transport
Use Side Step Screws as Lock Pins
(Installed in 2 big holes)

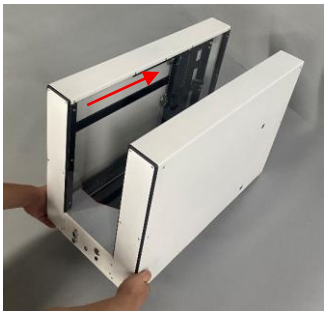


Ready for Side Steps
(Installed in 2 small holes)



Side Steps Installed

Before next transport, raise the scanner toe side to allow the carriage slide to position before lock pin can go in.



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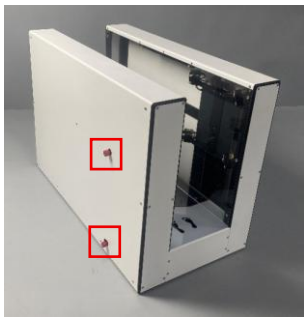
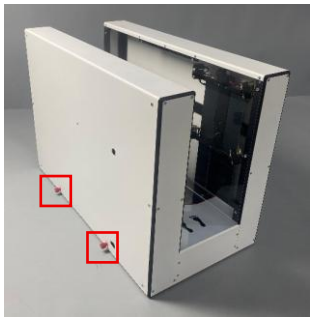
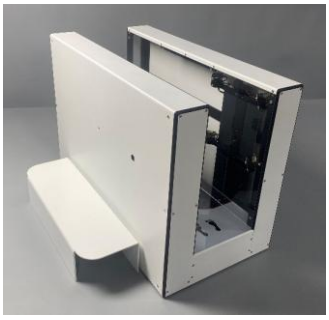


Ready for Side Steps
(Installed in 2 small holes)



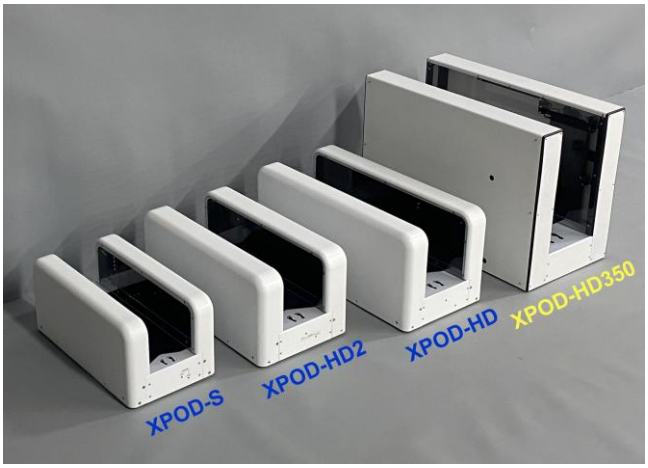
Side Steps Installed

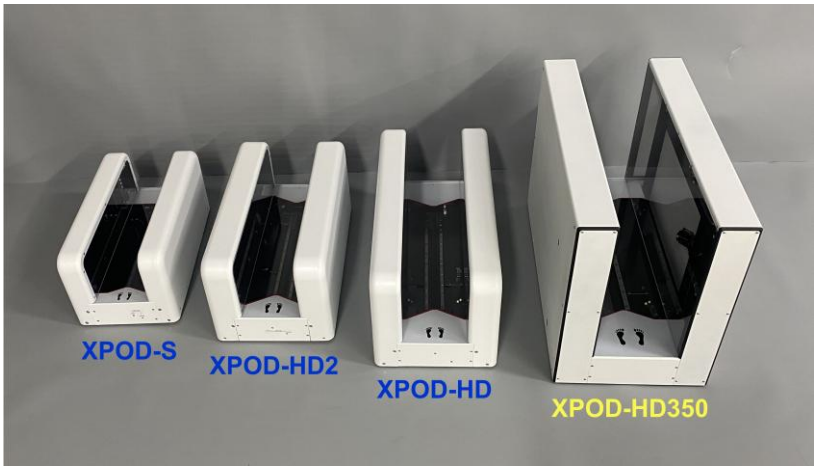


Before next transport, raise the scanner toe side to allow the carriage slide to position before lock pin can go in.

Comparison:

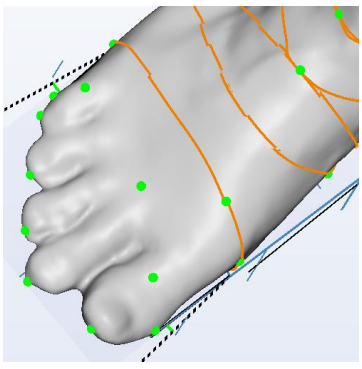
Dimensions:



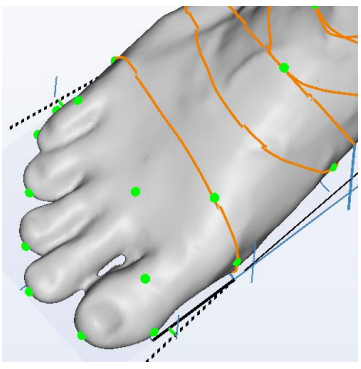


XPOD-S vs XPOD-HD2 vs XPOD-HD vs XPOD-HD350

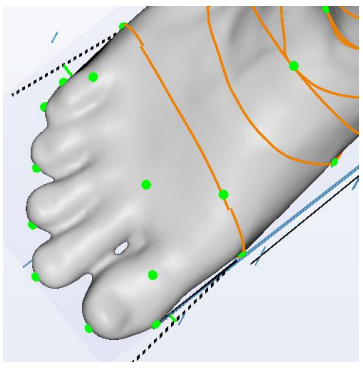
Accuracies:



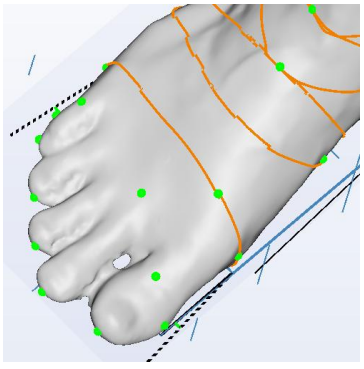
XPOD-S: +/-1.0mm, good



XPOD-HD2: +/-0.5mm, excellent



XPOD-HD: +/-0.5mm, excellent



XPOD-HD350: +/-0.5mm, excellent

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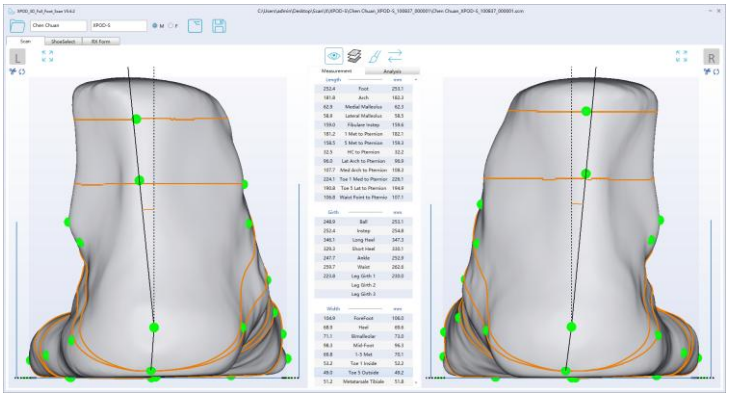
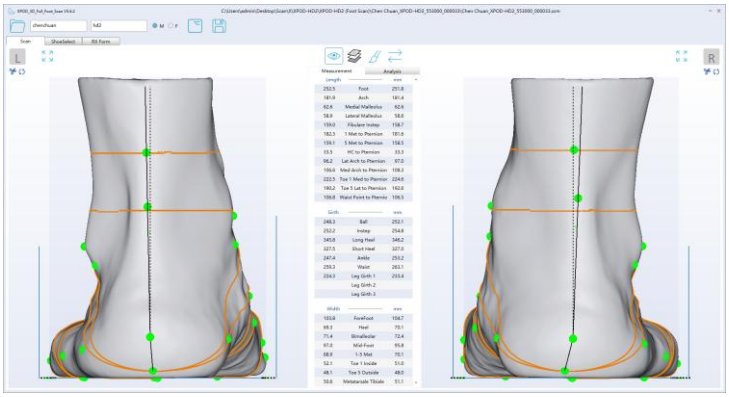
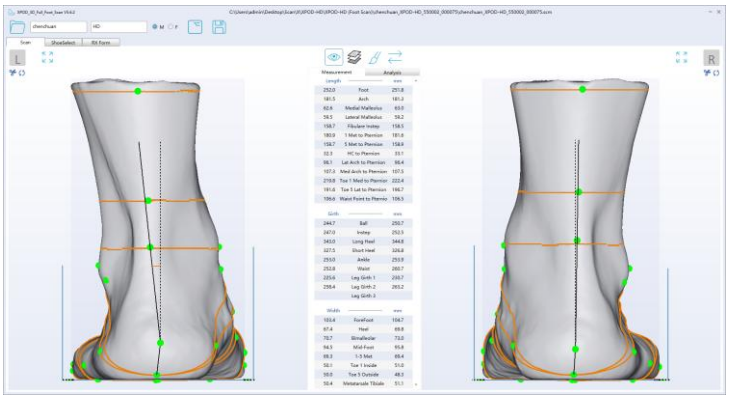
Scanned heights:



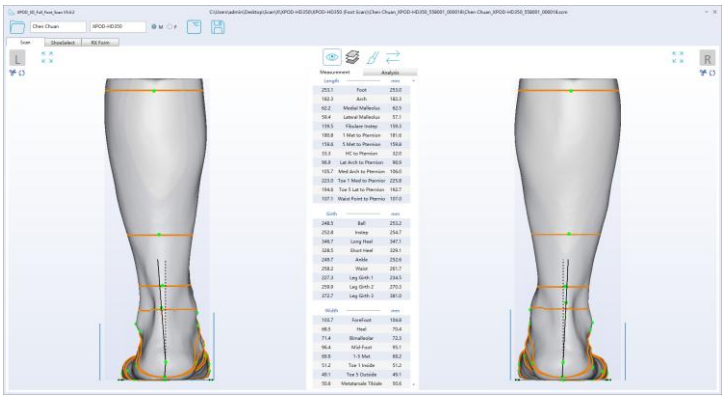
XPOD-S: 115mm



XPOD-HD2: 145mm



XPOD-HD: 175mm



XPOD-HD350: 350mm

Parameters:

	XPOD-S	XPOD-HD2	XPOD-HD	**XPOD-HD350**
Size (mm) / Weight (Kg)	475L*255W*216H / 6.6	535L*290W*250H / 8.8	625L*290W*275H / 10.2	625L*290W *450H / 20.1
Scan Volume (mm)	330L*130W*115H	350L*140W*145H	380L*150W*175H	380L*150W*350H
Speed	2.7 ~ 6.8s	3.6 ~ 13.3s		3 ~ 10s
CPU	Intel i5-1240P			Intel Core Ultra 9 285H
RAM / USB / Win	16G / USB Port 2.0 or 3.0 / Windows 10/11			16G / USB Port 2.0 or 3.0 / Windows 10/11
3D Accuracy / 3D Files / Color	+/-1.0mm / STL, WRL, OBJ, PLY / Color Texture	+/-0.5mm / STL, WRL, OBJ, PLY / Color Texture		+/-0.5mm / STL, WRL, OBJ, PLY / Color Texture
Load Capacity	180Kg			180Kg
Power Supply (adapter)	100~240V, 12V/5A			100~240V, 12V/5A

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