维码
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XSOL 3D Laser Foot Plantar Scanner   **2025.01.01**
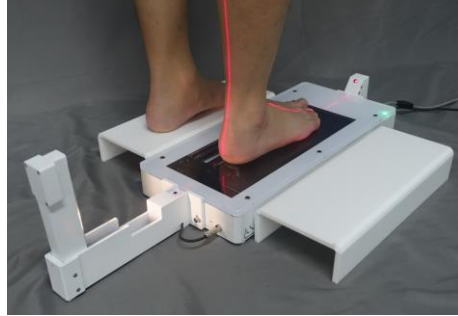
Portable and reliable. Fast true 3D laser scan with color texture
Auto landmark, arch index, measurement, and analysis report
Custom shoes and orthotic insoles for foot clinics and retail stores

XSOL is Smaller/Lighter/Portable/Faster than USOL
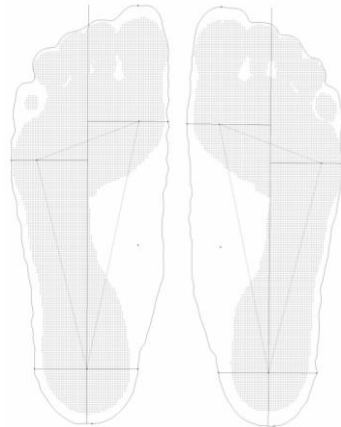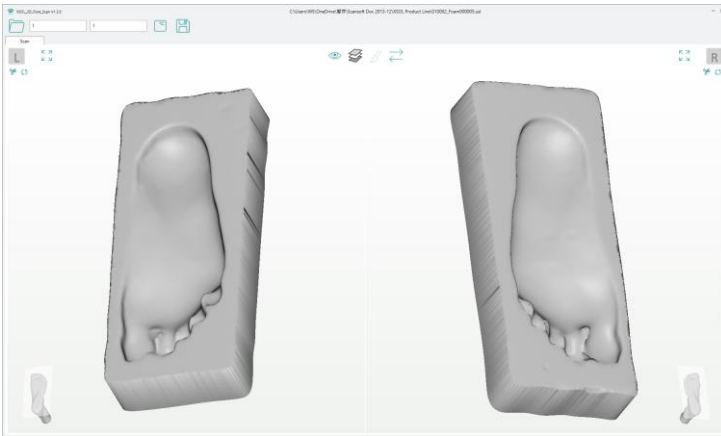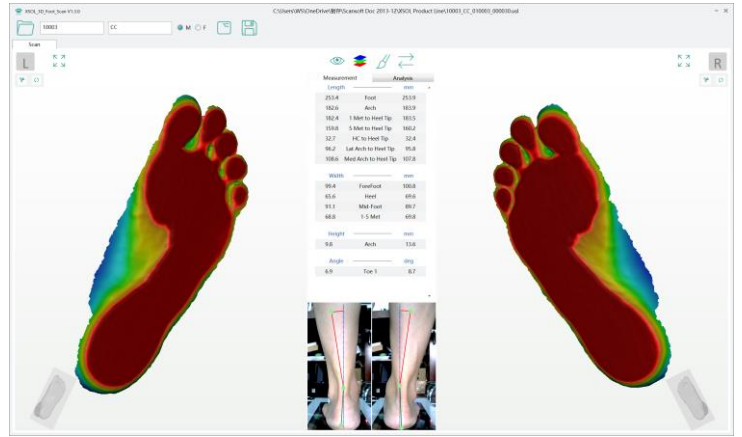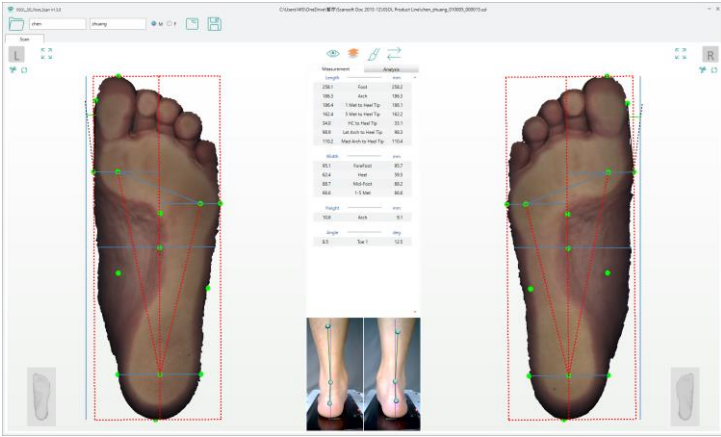

USOL vs XSOL

XSOL Floor

XSOL Floor

XSOL Vertical

XSOL software improves on USOL software (Same file formats)

XSOL Hardware

- Foot Plantar 3D with color in non/semi/full weight
- Foam Impression and Plaster Cast
- Laser 3D Scan 2.0s one-way
  Color texture 2.0s/4.9s for normal/high resolution
  High resolution color can match 2D office scanner
- PC Minimum CPU N100 8G RAM 1080P display
  PC Recommended N5105 8G RAM or better
- Software UI or Foot switch to activate scan
- Room lighting (improved noise filtering than USOL)
- Heel camera has higher resolution than USOL
- Clean 3D mesh, +/- 1.0mm accuracy
- Scan Volume 330L X 140W X 80H mm
- Size: 455L X 212W X 55H mm
- Weight: 3.2Kg (7.1Lb)
- Load Capacity: 180 Kg (397Lb)
- Power adapter AC 100-240V; DC 12V/3A
- Customizable panels design and color
- CE/FDA/PSE certification/registration
- One-year limited warranty

XSOL Software

- Win10/11, doesn't support Win7/8
- Auto analysis for arch type, bunion, and heel angle
- Auto tracking blue marker at 1st and 5th met points
- Auto tracking blue marker at 3 heel points
- 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
- Default English. Translate into your own local language
- Shoe size US/UK/EU/CN/JP standards
- Export to STL/WRL/OBJ/PLY, JPG/PNG, PDF report, CSV data files
- FTP send order to shoe/insole fabrication
- User-define RX form for orthopedic shoe/insole
- Developers: CMD/TCP call scanner to receive data-
  -integration into your own CAD software and database
- Optional encrypt scanners to lock files
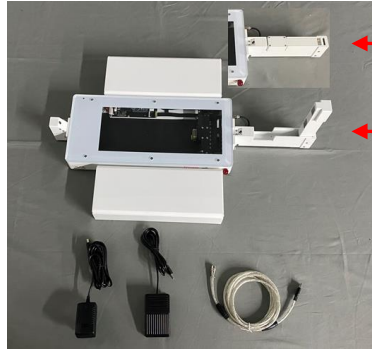- Also support USOL, USOL-DUO and USOL-X scanners

XSOL Standard: Scanner, Power Adapter, USB Cable (Clear), Foot Switch, Foldable Heel Camera (with laser)
XSOL Floor: XSOL Standard plus Toe Laser, Side Steps (Pair)
Optional: Scanner, Power Adapter, USB Cable (Clear), Foot Switch, Heel Laser Module (No Camera), Side Steps (Pair)

Folded
Unfolded

XSOL Standard

Folded
Unfolded

XSOL Floor

Optional

XSOL Vertical: XSOL Standard plus Toe Laser, Pedestal (with wheels) and VESA Conversion Bracket.
Pedestal needs assemble to reduce shipping size. Weight is 5KG. Support mounting position for supine or prone scans.
Height adjustable 500-1200mm. Heel Camera records heel position. Heel and Toe laser help to control foot posture
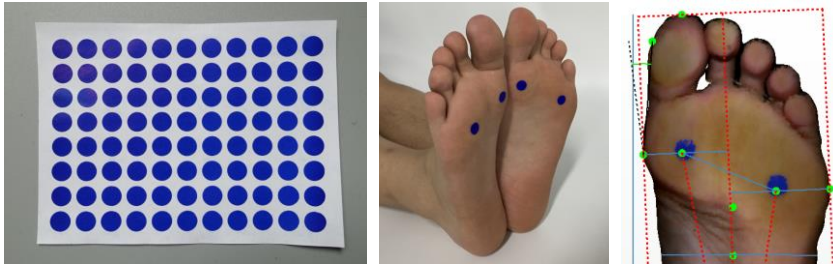

Optional Carrying Case: can fit the entire XSOL Standard, XSOL Floor, or XSOL Vertical (without the pedestal) inside.

Auto Tracking Blue Marker:

XSOL captures color texture, so the practitioner can mark points on the foot with a marker pen, take a scan, then drag 1st 5th met, heel center, and arch point to the marked point to obtain accurate measurements (including Medial/Lateral arch point height). Make sure the ink dries before scanning to avoid smearing the top plate.

If 2 blue markers are placed on 1st Met and 5th Met before scanning, XSOL software identifies (tracks) the 2 markers automatically. The blue marker should be 5-10mm in diameter.

If 3 blue markers are placed on the heel, XSOL software identifies (tracks) the 3 markers automatically. The blue marker is 5~10mm in diameter.