

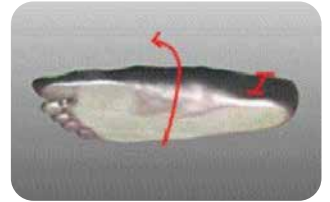
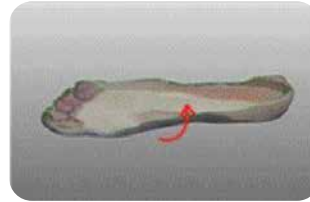
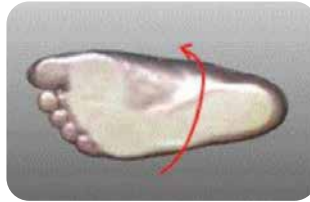
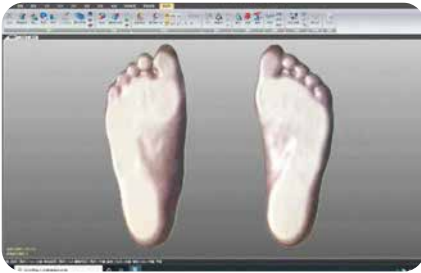
FS A001

3D Plantar Scanner



Technical specifications

- Scanning Method: Non-contact laser line scanning and white light texture scanning, harmless to the human body and eyes.
- Scanning Range (x, y, z): $350 \times 170 \times 50$ mm
- Scanning Error: ± 0.5 mm
- Scanning Time: 5-10s
- Overall Dimensions (L $\times$ W $\times$ H): $585 \times 290 \times 120$ mm
- Operating System: Windows 7/10 64-bit



Key Parameters

1. The 3D scanning of the sole adopts a 4+1 view scanning method, with 4 views of the sole. It can scan not only the bottom of the foot but also the four sides (front, back, left, and right) of the foot, with +1 as the rear camera to observe heel inversion/eversion.
2. The texture scanning of the sole also adopts a 4-view scanning method, allowing scanning of the sole's texture information from the front, back, left, and right sides.
3. Equipped with a rear camera and laser head: The rear camera captures the inversion/eversion of the heel, and the laser head indicates the standing position.
4. The software supports both touch-screen and computer-based operation.
5. The scanning object can be either the foot sole or the mold, and both can calculate parameters and generate measurement reports.
6. Supports WeChat integration, allowing users to scan a QR code and transfer foot data to their mobile phone.
7. The foot scan software generates more than twenty parameters, including arch height, hallux valgus, heel inversion/eversion, etc.
8. The foot scan software supports cloud storage, with an option to disable it. When enabled, users can log in to the backend to view cloud data.
9. The scanned data can be exported in common formats such as STL and OBJ, which can be directly input into the insole design system without special processing.
10. The 3D model of the foot can directly display the actual foot bottom and side color information, showing not only the foot's 3D model but also the actual foot color.
11. The scanned data also outputs true-color images of the heel to assess the inversion/eversion angle of the heel.
12. The foot scan report supports customized styles, allowing users to modify the logo, contact information, personalize the layout, add or remove parameters, and output customized reports.
13. The software operation follows a guided process with voice prompts for each step.
14. Supports non-weight-bearing, semi-weight-bearing, and full-weight-bearing scanning.
15. The software system supports batch scanning mode, allowing for scanning of large groups. Users can import a list of customer information and scan them sequentially, without needing to input each individual's information manually.
16. The software system supports local database statistics, recording all measurement data in a table for easy statistical analysis.