

# eSole-300 3D Plantar Scanner



3DOE 3D Plantar Scanner is a professional measuring equipment for 3D scanning of human plantar. It adopts non-contact laser scanning method to collect 3D data of human plantar within 10 seconds. It generates more than 20 parameters and supports all Weight-bearing, semi-weight-bearing or non-weight-bearing plantar scanning can effectively carry out a variety of tasks such as orthopedic insole design, personalized insoles, scientific selection of shoes, podiatry diagnosis and podiatry correction; widely used in medical, sports, and shoe stores Retail and other fields.

## Product features

- ★ Scanning object: sole, capsule
- ★ Ergonomic design, using non-contact safety laser scanning, no harm to human body
- ★ Experience software interface: use software to automatically guide the operation
- ★ Four-view plantar scan, which can measure the sole and part of the side information, which better guarantees the shape of the arch and the complete size of the sole
- ★ Measurement speed: complete a complete scan of the sole of the foot in 5~10s
- ★ Measurement accuracy:  $\pm 0.5\text{mm}$

## Product parameters

Model	eSole-300
Scanning light source	Laser Class2M, no harm to human body and eyes
Scan range (x, y, z)	300×170×50mm
Scanning error	$\pm 0.5 \text{ mm}$
Scanning time	5-10s (One foot)
Output information	3D data (STL format) and more than 20 plantar parameters, with analysis of arch, heel, and thumb varus
Other functions	1. Support WeChat public account access 2. Support cloud remote management 3. Support multi-store management 4. Support smart selection of shoes and insoles



★ Generate high-precision plantar STL3D data (with foot side information), which can be used to customize insoles.



★ Generate more than 20 plantar parameters and digitize plantar dimensions.



★ It can evaluate heel varus, thumb varus, and foot arch.



★ Optional cloud management system to realize remote management of the store.



★ Support WeChat public account access to achieve precision marketing



★ Smart insole, shoe size recommendation

## Operation Process



One-click



Complete scanning within 10 seconds



insoles customization