



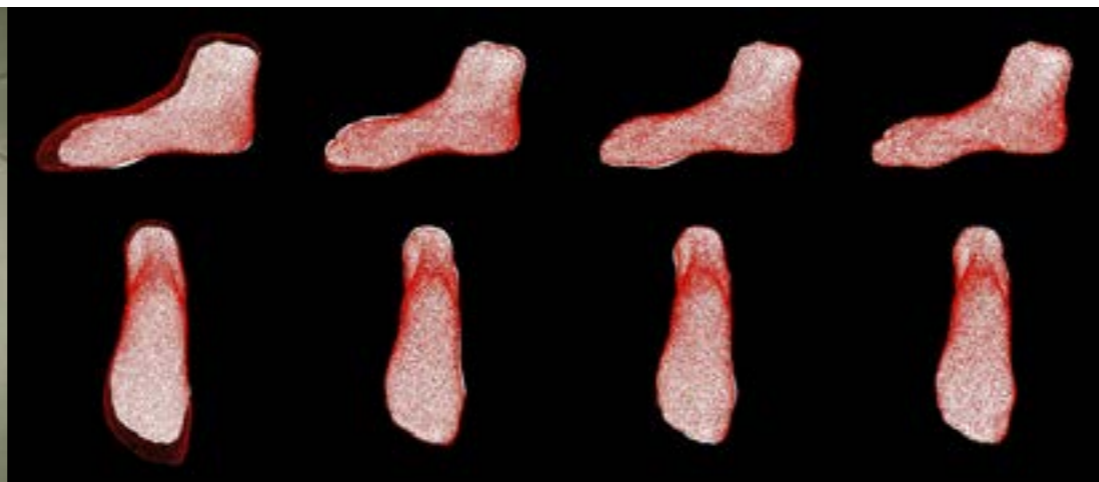
dome scan
IBV
System for 3D reconstruction of the feet

DOMESCAN/IBV generates a 3D digital reconstruction of the foot shape and calculates its measurements in just a few seconds.

It is a low cost scanner that uses a pioneering technology in the field of digitization of human forms, a result of intense R&D activity carried out by the Research Group on Anthropometry at Instituto de Biomecánica (IBV).

The best digital foot-scanning solution on the market:

- It uses high accuracy 3D reconstruction technology: static imagery using the PCA technique
- It automatically calculates the anthropometric parameters of the foot: more than 20 measurements
- It provides custom reports together with the scanned 3D records of the subject
- The 3D records and the calculated measures can be exported
- It has a customizable interface
- Payment per use with internet connection



DOMESCAN
Instituto de Biomecánica

INFORME RESULTADOS MODELO 3D

Nombre: DOMESCAN (3D-VIEWER)
Sexo: Masculino

| | PIE IZQUIERDO | PIE DERECHO | Medida | |
|---|---------------|---|---------------|-------------|
| | | | Pie Izquierdo | Pie Derecho |
|  | |  | | |
| Longitud del pie (mm) | 255.9 | 247.9 | | |
| Posición de dedos (mm) | 25.4 | 23.5 | | |
| Ángulo de dedos (grados) | 25.97 | 22.89 | | |
| Perímetro de dedos (mm) | 221 | 219 | | |
| Altura de dedos (mm) | 27.7 | 27.7 | | |
| Anchura de dedos (mm) | 96.2 | 96.6 | | |
| Posición cabeza 1 metatarsal... | 134.8 | 132.9 | | |
| Posición cabeza 2 metatarsal... | 176.8 | 182.8 | | |
| Posición metatarsal (mm) | 172.2 | 171.9 | | |
| Ángulo metatarsal (grados) | 24.27 | 24.97 | | |
| Perímetro metatarsal (mm) | 209.9 | 208.9 | | |
| Altura metatarsal (mm) | 40.2 | 40.2 | | |
| Altura metatarsal medial (mm) | 28.2 | 28.2 | | |



DOMESCAN
System for 3D reconstruction of the feet

A versatile tool with an excellent user experience

Ideal for industrial processes that require product customization or size allocation.

Its high accuracy and the possibility of exporting data make it especially useful as a tool in the field of education and research.

The fact that it can be easily and quickly installed and used makes it the ally of podiatrists and orthopedists.

As DOMESCAN/IBV clients can also develop their own interface, they can totally integrate the tool within their own business model.

TECHNICAL SPECIFICATIONS:

- Easy installation and usability
- Lightweight and very easy to carry (< 4.6 kg)
- Includes power supply (5V)
- Connects to a PC or Tablet PC: wireless, Bluetooth 2.1
- Scanning time: 0.1 s
- 3D reconstruction time: less than 1 minute

