



Biomech Consulting presents its new portable scanner, developed alongside the Valencian Biomechanics Institute.

The Valencian Biomechanics Institute, the **IBV**, founded in 1976, is an associated centre of the Valencian Institute of Business Competitiveness (IVACE) and the Valencia Polytechnic University (UPV).

It combines knowledge from biomechanics, ergonomics and emotional engineering and applies it to very diverse contexts with the aim of improving the competitiveness of the business world through people's well-being.

This is a philosophy that runs parallel to that of Biomech Consulting, which develops amid the ideas of technology, research and service.

This scanner was devised to improve the quality of our product and our service, and was developed by IBV **exclusively** for Biomech Consulting.



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TECHNICAL FEATURES

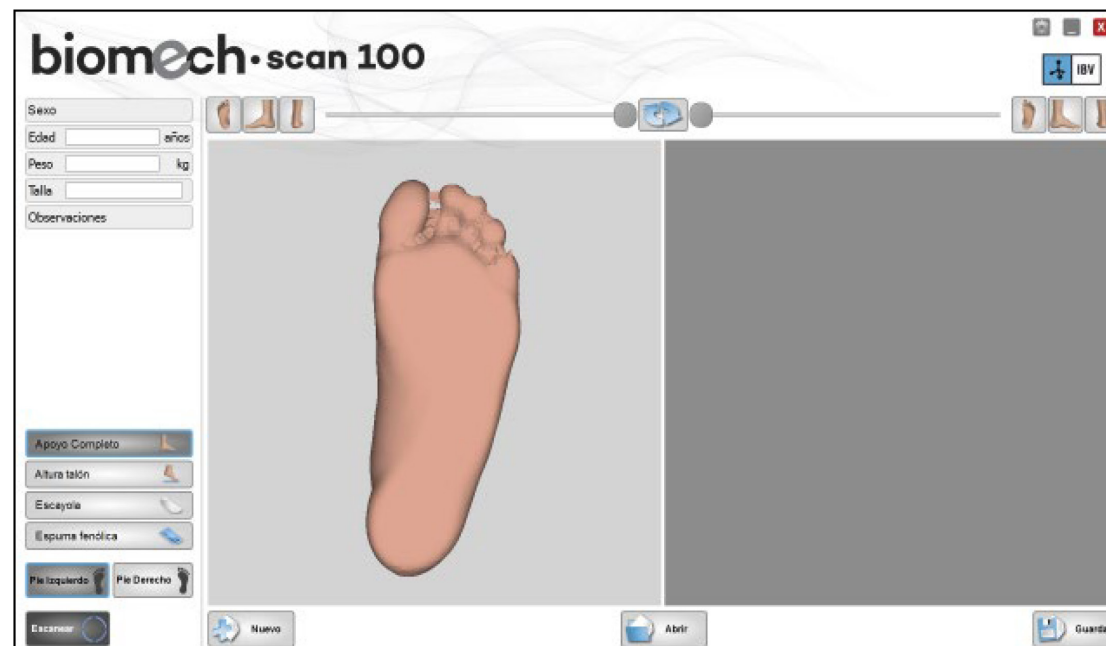
1. Works with three-dimensional geometry of the foot or mould up to a Z height of 80 mm.
2. High level of detail. Uses a system that projects two laser beams and has two cameras to capture images
3. Scaneline resolution: 1.5 mm
4. Camera resolution: 744 x 480 pixels
5. Scan time: 6 s.
6. Processing time (3D reconst.): 9 s
7. Precision of 3D reconstruction:
 - Mean error: 0.16 mm
 - P25: 0.04 mm
 - P50: 0.09 mm
 - P75: 0.18 mm
 - P95: 0.60 mm



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SOFTWARE FEATURES

1. Option of storing the left and right feet in a single measure.
2. Ready to scan feet when fully flat or in heel height, as well as plaster casts and foam moulds.
3. Full compatibility with our design software.
4. We offer personalised training.



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PHYSICAL FEATURES

1. Dimensiones: 700mm x 400mm x 150mm
2. Scanner weight: 17 kg
3. Maximum weight supported: 200 kg
4. Handle for transport
5. It has a cover to protect the scanning area, which is also designed to be used as a platform to support the other foot.



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HOW TO PURCHASE ONE OF OUR SCANNERS

- 1.** At Biomech Consulting we have devised a flexible and convenient financing plant that will easily adapt to all manner of clinics.
- 2.** Biomech Scan 100 has a one-year warranty. During this period, Biomech Consulting will repair or replace any defective component at no additional cost.

