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FootScanner[®] FTS-2



The complete system

The FootScanner FTS-2[©] captures the 3D surface of a load-bearing foot instantly and without contact.

Based on the data captured in a two-step process, the FTS-2[©] generates a precise 3D virtual mould of the foot. To allow changes in foot posture, the foot can be pre-positioned on several bases to simulate different heel heights.

The output data is in a simple ASCII file format of 50 to 200.000 points, which can be smoothed, extrapolated and interpolated. These data are readable by any software.

The virtual mould generated by the FTS-2[©] can be used by FootCad[©] in order to create a perfect custom-made shoe. FootCad[©] will combine the virtual mould of the foot with the shoemakers' rules in its Expert System in order to create the best last for the customer's chosen model.

Who is it aimed at?

Shoemakers of made-to-measure shoes, orthopaedic footwear specialists and shoe shops wishing to optimise their inventory control.



The system characteristics

- USB-2 connection to any computer.
- Compact, solid and stable frame provides optimal stability.
- Easily foldable and transportable.
- Optional polycarbonate IATA (540x395x195 mm) carrying case.
- User friendly.
- Measurement accuracy: >0.5mm.
- No recalibration is required before each capture.
- Instant (1/25 sec), contact free 3D capture of a load bearing foot.
- Number of optical heads: 1
- Foot maximum dimensions (l x w x h): 360 x 130 x 130 mm.
- External dimensions (l x w x h): 500 x 250 x 580 mm.
- Approximate weight: 9 kg (12.5 kg with carrying case).
- Power supply: 220 V - 50 Hz or 110 V - 60 Hz, 90 watts.