



Headquarters

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Package System 1

PodoView[®]



The complete system

The orthopaedic technician takes a picture of the plantar surface of the patient's foot instead of taking the blueprint of the foot. The software automatically generates the contour upon which the orthotic will be created. The technician then places the necessary corrective modules on the orthotic base (heel cap, metatarsal support, supinating or pronating wedges, retro-capital support, etc.) The characteristics of all of these modules (size, height, position, orientation and even shape) can be modified at any time in order to create a perfect fit for the pathology under treatment.

The PodoView[®] software offers numerous features, such as direct foot measurement, imprint recording and filing on disk, automatic creation of a personalised consultation report, including the printed foot imprint scaled to fit the page.

Data collected by the SoleScanner[®] digitiser can be combined with data obtained by the PodoView[®] 2D digitiser or by the DigiTab[®] 2D digitisation tablet.

Once the process is completed, the resulting files can be transferred by internet to a production centre, where the CAD/CAM SoleCad[®] software will generate the tool paths for the automatic manufacturing of the orthotic. Manufacturing can be carried out either on the MidIdeas-4[®] very fast central production milling machine or on one of the MiniSole[®] tabletop milling machines.

It is also possible to transfer the image (with or without the orthotic) to FootCad[®], our CAD/CAM software for creating shoe lasts that allows the user to create a last, which is perfectly adapted to the measurements and characteristics of the digitised plantar surface.

The system characteristics

- USB-2 connection to any computer.
- Visualisation of the imprint of the foot in full colour.
- Flatbed scanner resolution: color - 50-100 dpi.
- Digitisation time: 20 sec.
- Measurement accuracy: >0.5 mm.
- Printing in 1:1 or scaled to page.
- Colour printing in order to see pressure colours.
- Open library of modules.
- Multiple-contour support.
- Graphic interface.
- Automatic archiving of the orthotics.
- External dimensions (l x w x h): 560 x 385 x 75 mm.
- Approximate weight: 10 kg.
- Power consumption: 220 V-110 V - 20/30 W max.
- User friendly.
- Numerous correction modules to choose from.
- Manufacturing of the orthotic on a CNC milling machine.
- Production of orthotics at attractive prices.
- Possible to digitise other modules



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MiniSole[®]



CPM

The complete system

The MiniSole[®] CPM 3 axes (X, Y, Z) tabletop stepping motor milling machine is specially designed for the production of soles and moulds in all kinds of materials (cork, latex, foam, rubber, EVA, hard plastic, PE, PU, etc.)

Perfectly integrated with the PodoView[®], SoleScanner[®], SoleCad[®] and MouldCad[®] systems for the measurement and design of insoles and moulds, MiniSole[®] makes it possible to exploit the power and precision of custom-made technology by computer.

This system is aimed at orthopaedists, podo-orthosists, podiatrists, and mould makers.

The system characteristics

- Production time: 1 pair of soles in less than 25 minutes
- Type: NC stepping motor milling machine.
- 3 axes (X, Y, Z) fully interpolated.
- Spindle speed: 0 - 25.000 rpm.
- Milling speed: 3600 mm/min.
- Milling area (X, Y, Z): 395 x 300 x 140 mm.
- External cabinet dimensions (w x d x h): 710 x 820 x 750 mm.
- Weight: 102 kg.
- Power supply: Single phase 230 V - 50 Hz (20 A).
- Precise.
- User friendly.
- Open Interface.
- Easy to maintain.
- Cost effective.
- Maintenance and operation over the Internet.