easyCAD Insole™

Easycad Insole™ is a 3D CAD modeling software that allows the creation of computerized plantar orthoses, from the design phase up to the realisation phase.

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TECHNICAL FEATURES

SOFTWARE FUNCTIONS

- Project and patient database management
- Database LAN sharing
- Archive of materials and coatings
- User-friendly design interface
- 3D rendering in real time
- Native library with with 9 models of plantar templates
- Native library with with 15 models of corrective orthotics
- Library dimes, plantars and customizable elements
- Automatic creation of numbered templates and plantars
- Quick 3D Foot Image Modeling
- Auto-modeling functions for quick design from pressure analysis, also without the use of the 3D scanner
- Free hand drawing tools
- Design through the library of predisposed elements
- Minimum and maximum automatic thickness correction
- Tools for the automatic development of custom models and templates
- Direct import from 2D, 3D scanner and baropodometric compatible platforms
- Automatic compilation and printing of the project data sheet
- Integrated Machine Path Generator: no other software needed
- Export tool paths in formats: ISO-G CODE, Isel NCP, XYZ, STL

COMPATIBLE ANALYSIS SYSTEMS

2D and 3D Podoscan, FreeMed platforms, Runtime treadmill, 2D and 3D scanner with STL export, baropodometric platforms with export of raw data.

COMPATIBLE 3D MILLING AND PRINTING SYSTEMS

- Vulcan Cnc milling machines, ISO Compatible general- purpose milling machines
- 3D printers

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