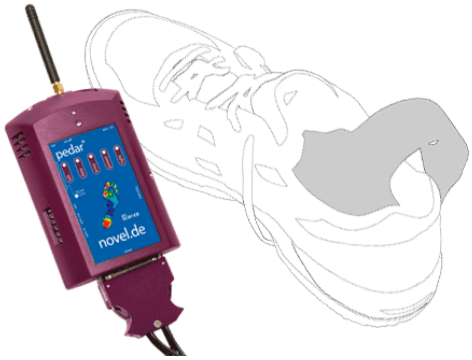
pedar® Software



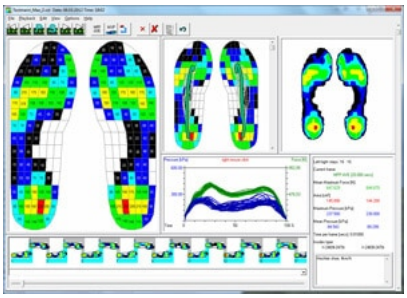
pedar®/S (Standard) Software

Features included:

- Acquisition and storage of dynamic pressure distribution data
- Data storage on SD card
- View of absolute pressure values in each sensor and gaitline
- Presentation and playback of dynamic measurement
- View maximum pressure, force and contact area
- Maximum pressure picture (MPP), mean value picture (MVP)
- Screen hardcopy, printout of both insoles and printout in original size
- Storage of collected data with comments
- Colour 2d, 3d and isobar display of the pressure data
- Output synchronization pulse at the beginning of the measurement (optional synchronisation connector required)
- Time dependent force and pressure data of measured steps
- Display of each step includes contact time
- Filter function – edit collected data
- Automatic division of the gait sequence into steps
- Selective display and removal of single steps

- CAL 2 modes
  - Calibration of the insoles (trublu calibration device required for this option)
  - Possible to combine the measurement insoles of different sizes for data collection
- novel database light
  - Initialises pedar® and emed® systems

- Allows queries
  - Calculates and analyses standard foot parameters
  - Imports/exports ASCII files with other databases



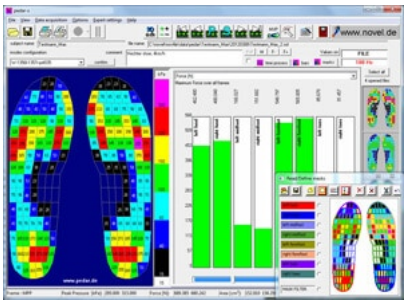
pedar/E (Expert) Software

Features included:

- Acquisition and storage of dynamic pressure distribution data
- Data storage on SD card
- View of absolute pressure values in each sensor and gaitline
- Presentation and playback of dynamic measurement
- View maximum pressure, force and contact area
- Maximum pressure picture (MPP), mean value picture (MVP)
- Screen hardcopy, printout of both insoles and printout in original size
- Storage of collected data with comments
- Colour 2d, 3d and isobar display of the pressure data
- Input synchronization pulse (optional synchronisation connector required)
- Difference display in step analysis to compare two pressure pictures
- ASCII output of pressure data, ASCII converter of total force and coordinates of the gait line (separate for left and right insole)
- 8 freely definable sensor masks with calculated maximum pressure, mean pressure, and total force in each mask
- Audio feedback for insole loading, tone pitch depending from actual force, pressure or loaded area, separate channels for left/right insole or 2 user defined regions

- CAL 2 modes
  - Calibration of the insoles (trublu calibration device required for this option)
  - Possible to combine the measurement insoles of different sizes for data collection
- novel database light
  - Initialises pedar® and emed® systems
  - Organizes patient data

- Imports/exports ASCII files with other databases

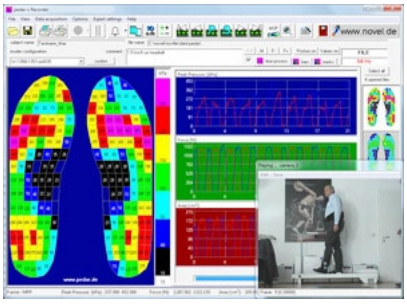


pedar/R (Recorder) Software

Features included:

- Same features like pedar®/E (Expert) software, and additionally:
- Captures up to 2 video cameras synchronously
- Displays and stores pressure and video synchronously as one combined file

- CAL 2 modes
  - Calibration of the insoles (trublu calibration device required for this option)
  - Possible to combine the measurement insoles of different sizes for data collection
- novel database light
  - Initialises pedar® and emed® systems
  - Organizes patient data
  - Allows access to novel scientific analysis software
  - Allows queries
  - Calculates and analyses standard foot parameters
  - Imports/exports ASCII files with other databases



pedoport® Software

for long term measurement with pedar system
Possible features:

- Monitors total force, left and right foot
- Supplies signal for reaching desired load and warning signal for overload
- Monitors peak pressure of 4 or 8 selectable areas
- Intelligent foot switch function
- Supplies switching signal output for gait analysis systems and EMG

At selected maximum speed of 100Hz, pedar® monitors continuously for 25 hours.

QUALITY RULES

At novel , our priority is to enable the highest quality in measurement and we strongly believe in *art in science*. Our products are used and validated in innumerable publications. Read more >>

art. science

LATEST NEWS

14 Feb — ESM is back!
Comments Off

01 Dec — Meet us at GFFC 2023 – 31st INTERNATIONAL SYMPOSIUM FOR FOOT SURGERY , MUNICH (01. – 02. December 2023)
Comments Off