pedar®

Leading system for in-shoe measurement

In-shoe pressure sensors

pedar® enables the analysis of the **interaction between the foot and the shoe** at highest quality and precision levels.

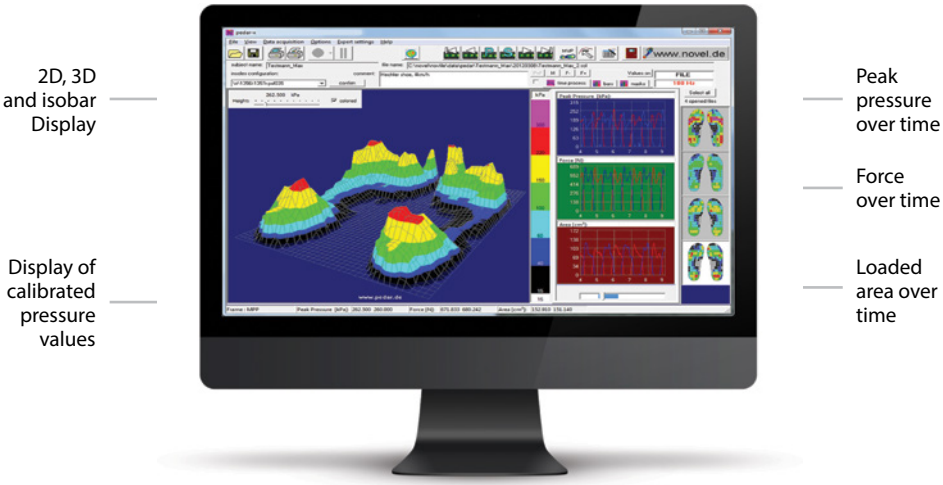
Use the system for **in-shoe pedography** and collect reliable pressure and load distribution data.

pedar® key features:

- measure in-shoe pressure in a free moving environment with reliable and precise sensors
- scan the complete contact area with individually calibrated sensors that cover 99.5% of the contact area between foot and shoe
- analyze interaction between the foot and the shoe in real-time
- compare effect of adjustments within seconds (e.g. shoe inlays, gait parameters, etc.)

Technical information

pedar® software features



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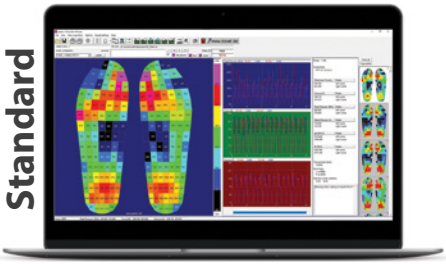
Software packages

Standard



Software suite	Standard
Pressure distribution measurement	✓
Step analysis	✓

Expert

Software suite	Expert
Pressure distribution measurement	✓
Step analysis	✓
Custom zone definition	✓
ASCII output	✓

Recorder

Software suite	Recorder
Pressure distribution measurement	✓
Step analysis	✓
Custom zone definition	✓
ASCII output	✓
Record video	✓

Other novel systems

novel

buttonsens®
Quantifying fingertip forces

buttonsens® enables the quantitative analysis of **finger forces** and **dexterity.**

The textile sensor can be utilized to **detect forces** when pushing a **button** or any other finger-object interaction.

loadpad®
Unobtrusive low pressure sensing

loadpad® enables the measurement of forces on contact areas between deformable objects.

Utilize the mobile, fle and versatile sensors to **analyze contact forces** between objects accurately and reliably.

loadsol®
Truly wireless load measurement

loadsol® enables truly wireless in-shoe force measurement **now** in **any environment** and with **any movement**.

Capture the interaction between foot and ground **accurately, effortlessly,** and with **flexibility**.

emed®
Accurate & reliable foot analysis

emed® enables the analysis of the barefoot at highest quality level.

Easily scan the **pressure distribution** and get a reliable and accurate **analysis of the foot function.**

pliance®
Accurate surface pressure analysis

pliance® enables the measurement of force and **pressure** distribution between **3D-deformed interfaces.**

Utilize pliance to analyse pressure on **seats, saddles, mattresses** and any other soft or hard object.

texsens®
Unobtrusive low pressure sensing

texsens® enables the analysis of local pressures between soft interfaces (e.g. between skin & textiles).

Use textens to precisely quantify pressure and **optimize your wearable products** or **garmets.**

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