



# First guide to custom made footwear in Diabetes using in-shoe pressure measurement

## 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

pedar®

*Over 30 years experience in  
diabetic foot care*

pedar® enables to detect high risk pressure points at highest quality and precision levels

Use **in-shoe pedography** to evaluate the custom-made footwear and insoles and prevent symptoms of foot pathologies

A guide to "facilitate more uniform decision making in the prescription and manufacturing of adequate shoes" \*

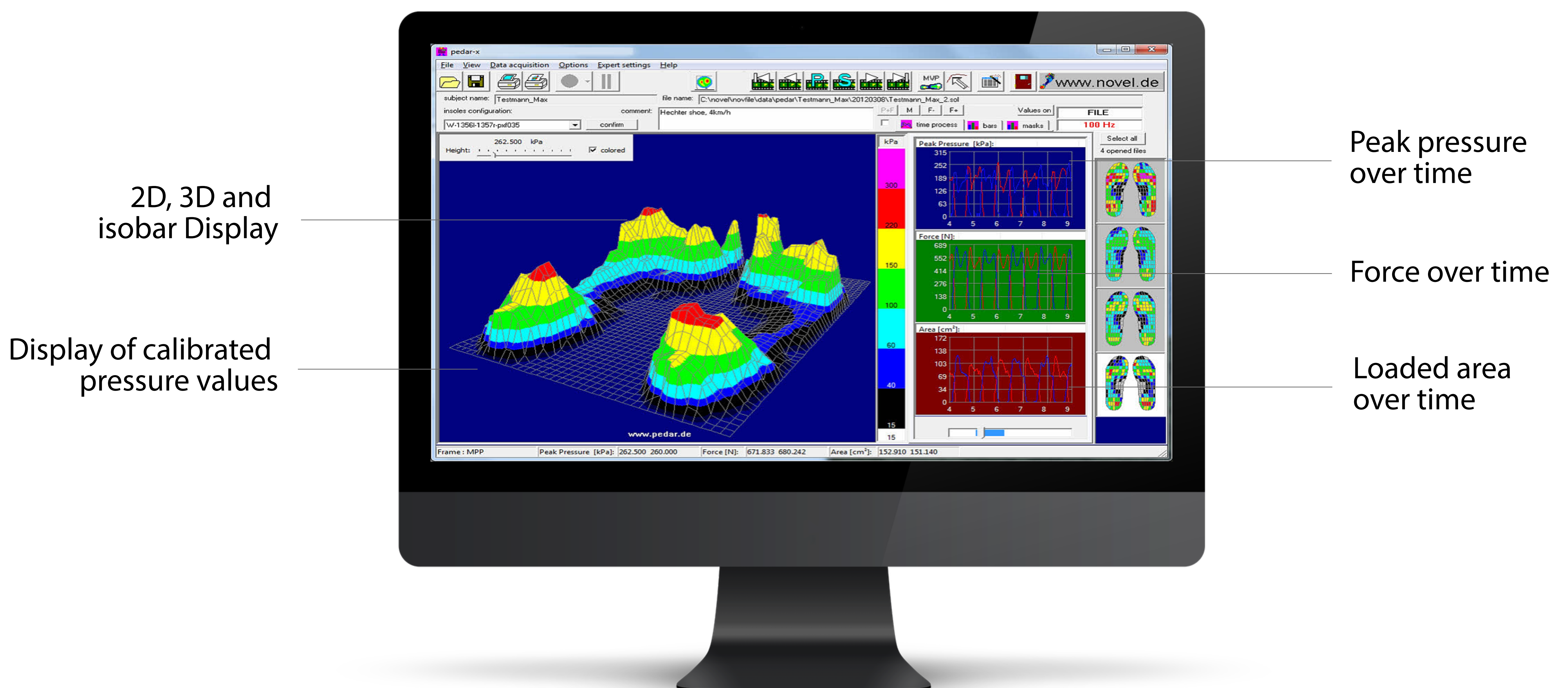




## Technical information



## pedar® software features



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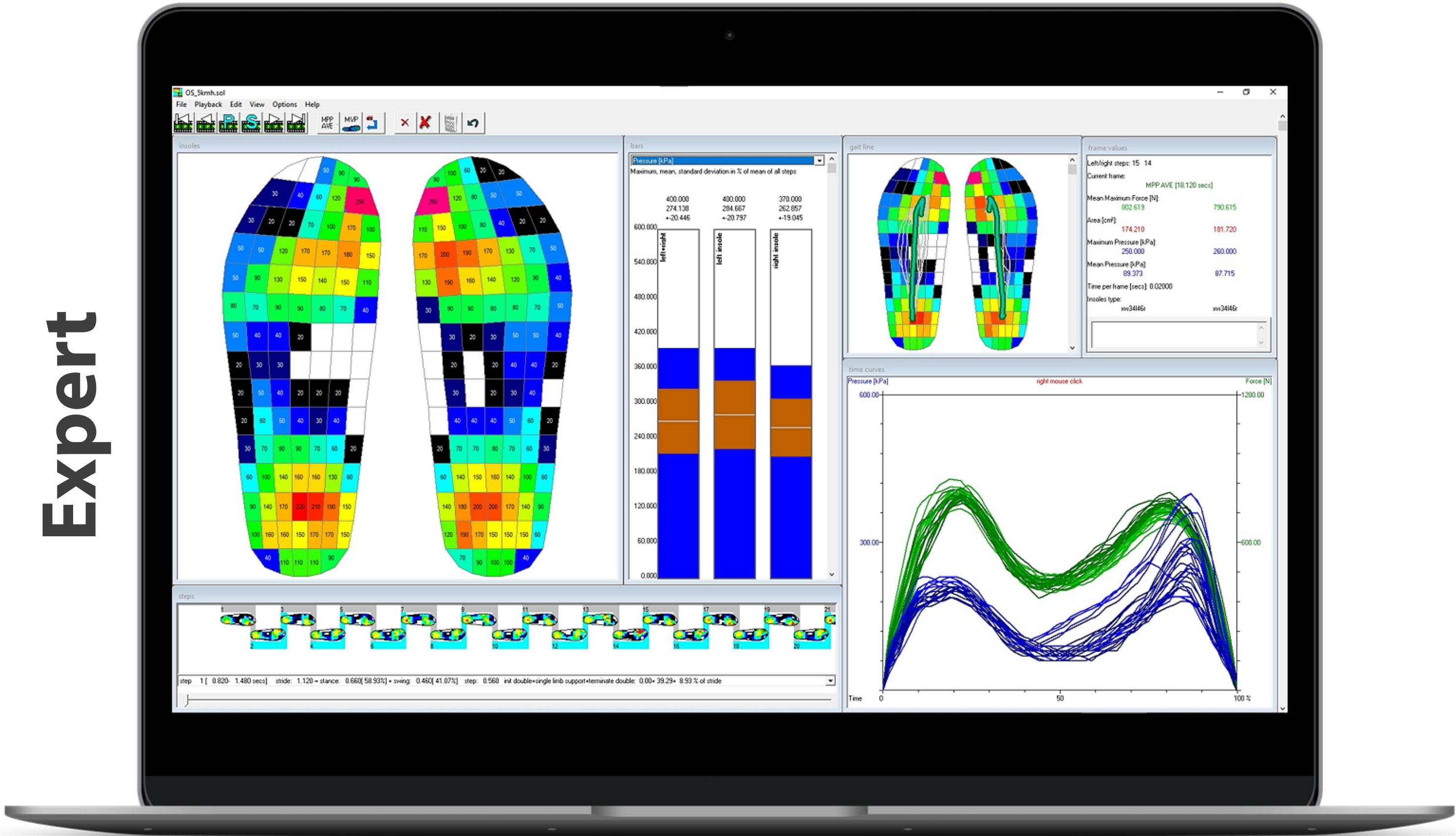
Software packages

Standard



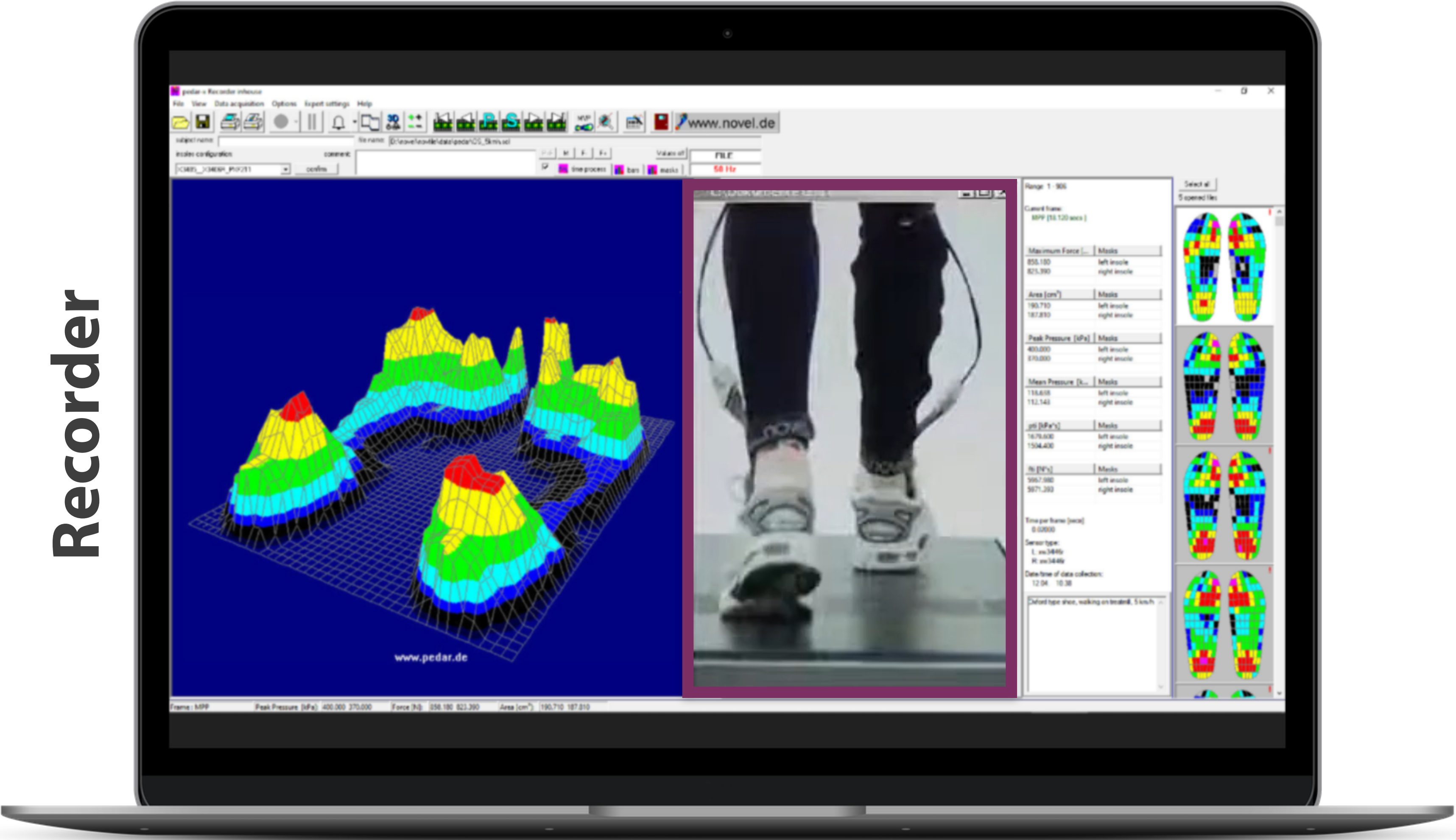
Software suite	Standard
Pressure distribution measurement	✓
Step analysis	✓

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	✓



## 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®

*Soft-object force measurement*

**loadpad®** enables the effortless measurement of forces on contact areas and interfaces.

Utilize the mobile, wireless 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 texsens to precisely quantify pressure and **optimize your wearable products** or **garments**.