



## pliance®

for horse saddle fitting

# Pressure mapping to optimize saddle fitting

Use **pliance®** to correct **harmful pressure points** that arise from poor saddle fit.

Measure accurately the **dynamic pressure distribution** between saddle and horse using a **thin & elastic** capacitive sensor mat.

### pliance® key benefits for riders:

- detect harmful pressure points using highly accurate and calibrated capacitive sensors
- correct gait asymmetrie and prevent back problems by adapting the saddle and achieving better pressure distribution
- view data immediately with easy-to-use software
- obtain a better understanding of the interaction between rider, saddle and horse



## pliance® application package



The recommended system contains a flexible and elastic measuring mat, a multi-channel analyzer and a software package.

| Technical data     | pliance® saddle mat |
|--------------------|---------------------|
| number of sensors  | 128 (2x)            |
| dimensions (mm)    | 200 x 600 (2x)      |
| sampling rate (Hz) | 60 - 78             |
| pressure range     | 2-60 (standard)     |
| thickness (mm)     | 4.8                 |

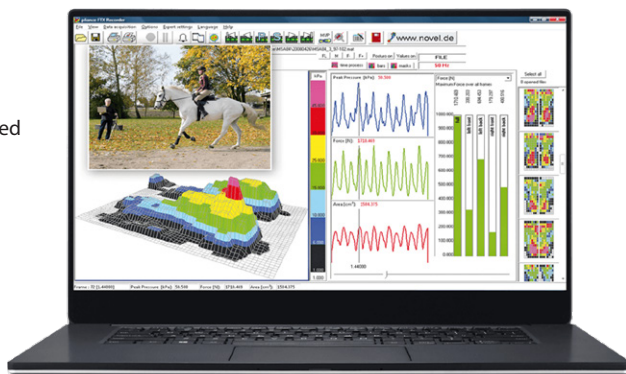
## pliance® software features

The pliance® software allows continuous data storage in real-time mode and data handling with SQL database.

simultaneous  
video recording

display of calibrated  
pressure data

peak pressure  
over time



full access to  
raw data

force over  
time

defined areas  
of interest

loaded area  
over time

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