novel

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 t**hin & 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 a configurable SQL database.

Get it on
Windows 11

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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