



Pressure mapping to optimize car seat quality

pliance® key benefits for R&D:

- monitor the seat and the back simultaneously with two or more sensor mats (available in different shapes and sizes)
- use manifold analysis with 2D, 3D or isobar display to perfectly adapt the evaluation to your needs
- monitor movement and dynamic pressure changes in real-time to predict usage
- synchronize with video and other systems

pliance®

for automotive seat optimization

Use **accurate pressure distribution measurement** to learn about the **perfect construction and design** of seat and backrest – and other seat related features.

Map pressure easily with a matrix of **calibrated, reliable and elastic** capacitive **sensors**, which conform well to 3D shapes.



pliance® application package



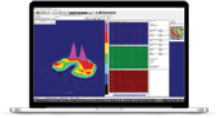
flexible and
elastic
measuring mat



calibration
device



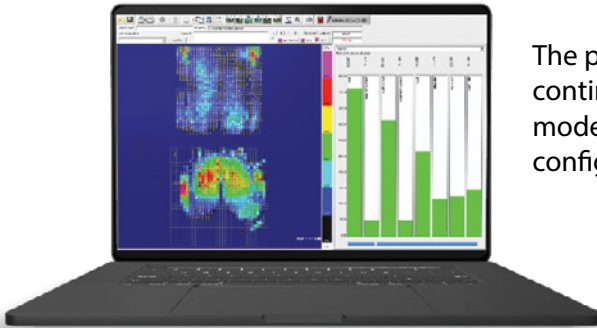
multi-channel
analyzer



Software
package

pliance® software features

Using novel medical scientific software the expert is able to design the analytical approach to their specific needs and to collect the relevant data.



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

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