



pliance®  
for automotive seat optimization

## Pressure mapping to optimize car seat quality

### pliance® key benefits for R&D:

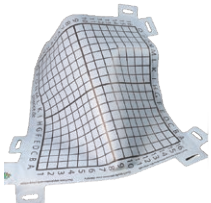
- monitor the seat and the back simultaneously with two or more sensor mats (available in different shapes and sizes)
- use manifold analysis with 2D, 3D or isobar display to perfectly adapt the evaluation to your needs
- monitor movement and dynamic pressure changes in real-time to predict usage
- synchronize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

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



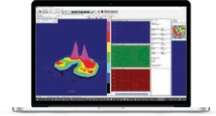
flexible and  
elastic  
measuring mat



calibration  
device



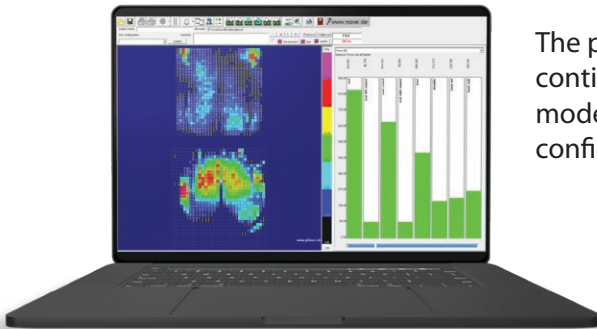
multi-channel  
analyzer



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.



Get it on  
**Windows 11**

novel GmbH (Global, GER)  
Ismaninger Str. 51, 81675 Munich  
tel: +49 (89) 417767-0  
e-mail: [sales@novel.de](mailto:sales@novel.de)  
web: [www.novel.de](http://www.novel.de)

copyright © novel GmbH - Jan 2024

novel electronics inc. (North America)  
3367 Babcock Blvd, Suite 101  
Pittsburgh, PA 15237  
tel: +1 (412) 755-0200  
e-mail: [novelinc@novelusa.com](mailto:novelinc@novelusa.com)  
web: [www.novelusa.com](http://www.novelusa.com)