



Pressure mapping for wheelchair improvement

pliance® key benefits for R&D:

- rely on absolute & repeatable technology for static and dynamic pressure distribution measurement on wheelchairs
- get dynamic quantification of the seated localized pressure locations of patients with 3 easy steps
- receive assistance in the selection of the appropriate cushions and correct adjustments of the wheelchair to fit the individual patient

pliance®

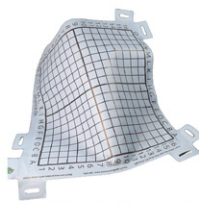
for wheelchair development

Use pliance® to provide **dynamic quantification** of the **seated localized pressure** locations of a wheelchair user.

Map pressure locations with an elastic, precise measuring mat, that allows high conformability to **3D-deformed, soft objects.**



pliance® application package



Flexible and
elastic
measuring mat



analyzer



Software
package

pliance® technical specifications

pliance sensor S2118:

Sensor area: 392 x 392 mm²

Number of sensors: 256 (16 x 16)

Size of a sensor: 24.5 x 24.5 mm²

Pressure range: 2 - 60 kPa

plidar analyzer:

Sensor connections: 16 x 16 sensors maximum

Sampling frequency: 100 Hz

Communication with PC: Wifi telemetry system

Memory: 32 GB

Power supply: rechargeable battery

pliance® software features



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



Get it on
Windows 11



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App Store

novel GmbH (Global, GER)
Ganghoferstrasse 68b, 80339 Munich
tel: +49 (89) 417767-0
e-mail: info@novel.de
web: www.novel.de

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