



pedar[®]

*for mobile pressure distribution
measurement inside the
entire footwear surface*

Dynamic in shoe pressure distribution assessment for optimization of athletic shoes

pedar[®] key benefits for performance footwear scientists:

- measure in-shoe pressure in any footwear with the pedar[®] elastic and flexible insole
- evaluate static and dynamic in-shoe pressure with high resolution and enhance the measurement with pedarpad for assessment of the entire foot surface

Use pedar[®] for **quantitative** insight about the interaction between the **foot, footwear,** and **ground** during sport activities like running

Use reliable data to create and refine athletic footwear



Application package



The recommended system includes: 5 pair of insoles (equivalent to 10 shoe sizes), 1 pedar pad (one fits all), 1 pedar analyzer, pedar software and optional trublu® calibration device

References and publications

Published literature using the pedar® for mobile pressure distribution measurement inside the entire footwear surface



Acute effect of Engineered thermoplastic Polyurethane Elastomer knockoff running footwear on foot loading and comfort during heel-to-toe running.

Gait Posture (Peng, P. et al., 2020)



In-shoe loading in rearfoot and non-rearfoot strikers during running using minimalist footwear

Int J Sports Med (Kernozek, T. W. et al., 2014)

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

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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