



pedar®

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

Dynamic in shoe pressure distribution assessment for optimization of athletic shoes

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

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



Application package



The recommended system includes: 5 pair of insoles (equivalent to 10 shoe sizes), 1 pedar pad (one fits all), plidar electronics, 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)

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