



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 and pedar recorder software

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 (Kernozeck, T. W. et al., 2014)

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