PODISENSE
TECHNOLOGIES

SLUSH 2026
SMART INSOLE · SPORTS & MOTION

SMART INSOLE + APP

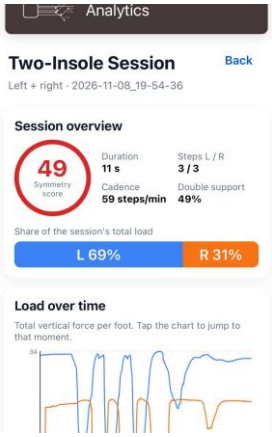
# Every step: pressure and shear, per foot.

Lab-grade foot-force data from a thin insole, live on your phone, for every run, lift and session.

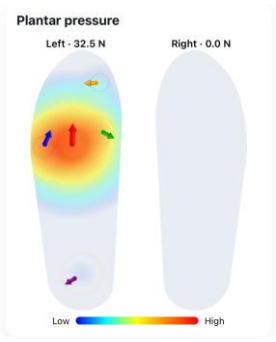
**500 Hz** sampling · **8 h** battery · **43 g**
**Four 3-axis sensors + IMU** · **L + R** in sync



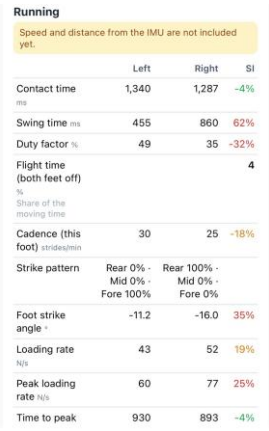
## WHAT THE APP SHOWS



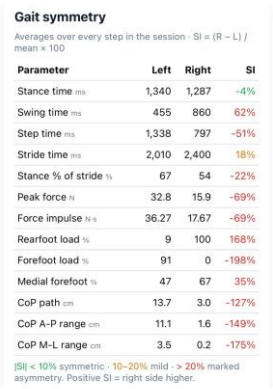

**Session overview**
Symmetry score, load share, cadence




**Pressure + shear**
Heat map + force arrow per sensor




**Running**
Contact time, foot strike, load rate




**Gait symmetry**
Every metric, left vs right

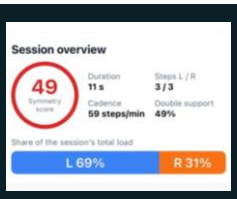
## ONE PLATFORM, SENSOR TO YOUR APP



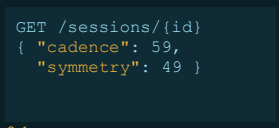
01
**Sensing**
Patented printed 3-axis sensors, 0.8–1.5 mm



02
**Electronics**
Heel module: IMU, Bluetooth, 500 Hz, 8 h




03
**Mobile app**
Live view, replay; Running, Cycling, Balance




04
**API**
Feeds data into coaching, research and partner apps

**r = 0.84**
vs a lab force plate (pilot)

**€21K**
in sales since 2025

**Life Fitness**
evaluating for strength training

**Cambridge**
University study kit

## BUILT FOR

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