





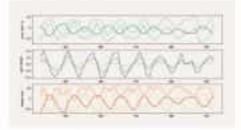
# EMBEDDED SHOES

Embedded shoe is an intelligent instrument that collects user behavior through distributed sensors to inform FTR technology. Powered by Al Coach, the shoe can provide real-time physiological data on gait analysis, weight, running performance, as well as performance feedback, fatigue measurement, personalized training plan, ultimately catering to individual user. The Embedded Shoes can further provide unique experience with the adaptation of 'BioDesigned' materials.

### **SENSORS**

#### Acceleration: tracking your speed

With an acceleromater, the shoe can accurately monitor step count, number grace, and provide movement data in gail analytics.



#### Gyration: protecting your ankles

Gyration provides a 3D representation of angle displacement of the fact and helps to addition for more accurate gelt analysis and Al training



#### Pressure: monitoring your running form

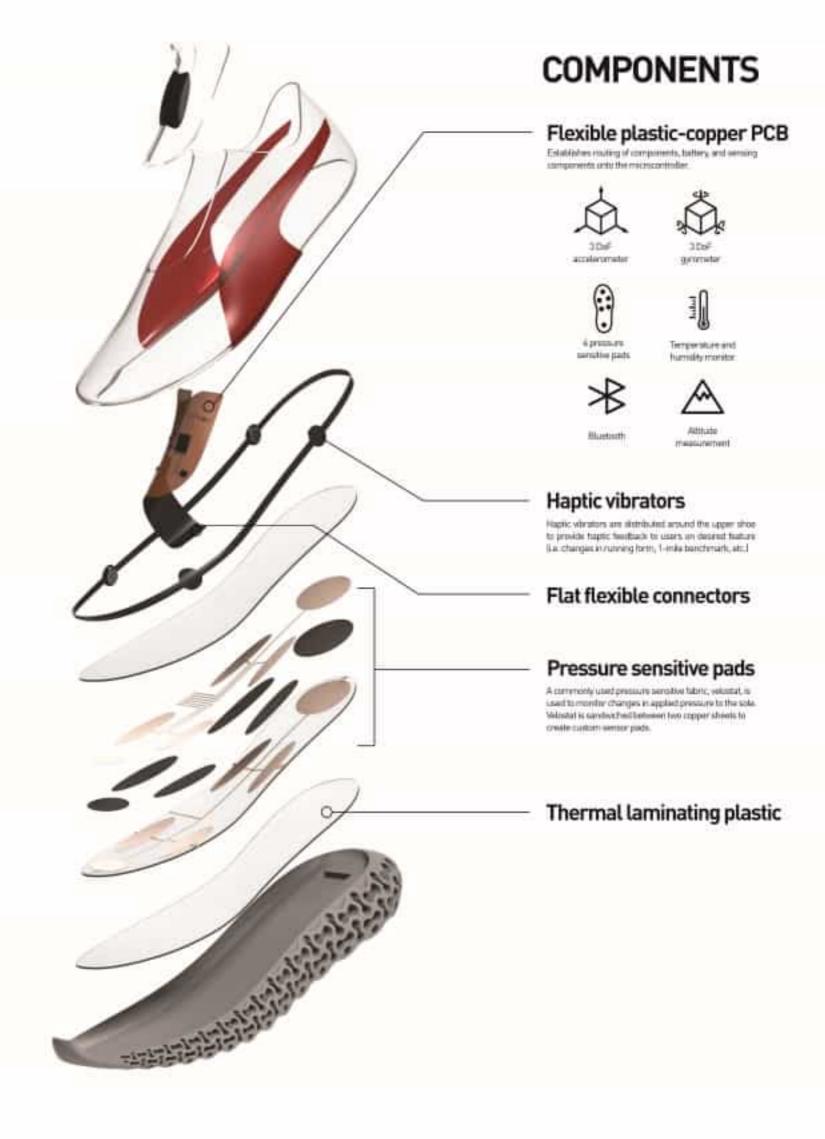
Pressure sensor consists of Epails, by which we are able to give a 2D representation of high imposts during run cycles every 2D most. It is used to distantions carrier of mass and weight distribution which leads to estimates in proposition and gait analysis.



#### Temperature & humidity: for your foot wellbeing

Temperature and humselfy sensors help to monitor the in-choice environment. It reminds the user to clean and change shows to keep the feet in a healthy condition.





## **APPLICATIONS**



Gait analysis and stability control. Activates stabilizers in the shoe to adjust and bring more support.



Realtime weight and weight distribution monitoring



Livestream data management, analysis and sharing



Fatigue tracking



Calories burned, walking & running steps, altitude, etc.