

# PRESSURE MEASUREMENT SYSTEM

## GT RADIX

With the pressure measurement system GT Radix, you can capture the plantar pressure distribution inside the shoe. The flexible measuring insoles have 40 to 64 sensors per sole, depending on the size. The data is sent directly to your PC via Bluetooth and stored there. Since no cables are used, your customer has unrestricted mobility.

The maximum measurement frequency is 200 Hz, allowing athletic movements to be captured with a high degree of accuracy. The wireless range is typically around 10 meters indoors. Extremely long battery life, lasting several weeks, thanks to the latest "Bluetooth Low Energy" technology.

The layout of the insoles is customizable, and customizations for specific applications such as stump, Charcot, or pes cavus (high-arched foot) are possible.



### Technical requirements:

- Wireless operation thanks to Bluetooth, including a 2-year warranty (+calibration)
- Special documentation for diabetes control measurement according to GKV



### ADVANTAGES:

The transmitters are lighter and smaller than their predecessor MobilData-WiFi

Compatible with MobilData-WiFi insoles

Representation of pressure measurement values as a color code or 3-dimensional pressure map

Temporal forward and backward function of pressure measurement

Definition of arbitrary foot zones with display of maximum values and representation of force curves

Color printing of pressure measurement values (standard or 1:1)

Transfer of data to the last construction program GP OptiCAD

Transfer of data to the insole construction program GP InsoleCAD