



F-SCAN[®] VERSATEK SYSTEM

bipedal in-shoe analysis



F-Scan[®] is a measurement system that captures dynamic in-shoe pressure information revealing interaction between foot and footwear. Unlike traditional visual observation of foot function and gait, *F-Scan* quantifies contact pressure distribution and timing. It includes sensors, electronics, and software as well as a protocol for analysis, diagnosis, and confirmation of the effectiveness of interventions. The extremely thin, high resolution *F-Scan* sensor ensures the most accurate data is captured. Other proponents of the system include:

- USB Connection to laptops makes the system easy-to-use and portable.
- Faster scan rates enable better capture of dynamic events & plantar pressure assessment.
- *VersaTek*[®] cuffs feature light weight hardware, indicator lights, and standard CAT5E cables.
- New Edge connection provides more reliable connection to sensor.

For clinicians dissatisfied with the limitations of traditional examinations, *F-Scan* confirms the efficacy of treatment. For researchers investigating or studying foot function, gait, and footwear design/function, *F-Scan* provides biomechanical parameters and understanding of how the foot and gait are functioning.

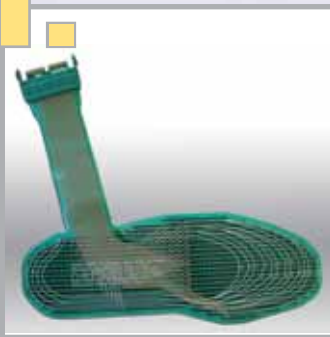
APPLICATIONS:

- Screen for disorders secondary to diabetes or other neuropathic issues
- Observe gait abnormalities
- Regulate weight bearing after surgery
- Monitor degenerative foot disorders
- Assess high pressures due to ray hypomobility
- Immediate determination of orthotic efficiency
- Pre- and post-surgical evaluations
- Identify areas of potential ulceration
- Segment various regions of the foot

BENEFITS:

- Manage treatment of foot inside the shoe
- Increase orthotic footwear performance
- Reduce cost by reducing the need for follow-up and orthotic adjustments
- More referrals by increasing patient satisfaction
- Supporting documentation for fee-for-service approach or insurance claims

1. Trim



Ultra thin, high resolution sensor - 960 sensels

2. Connect



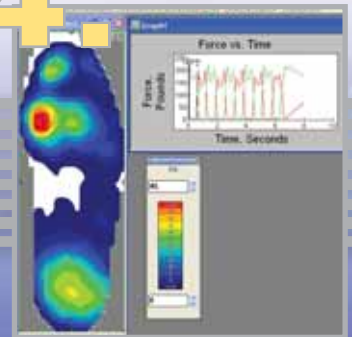
Edge Connect sensor; USB Connection to PC

3. Collect



850 Hz Scan Rate

4. Analyze



Analyze pressure data for high risk areas

