

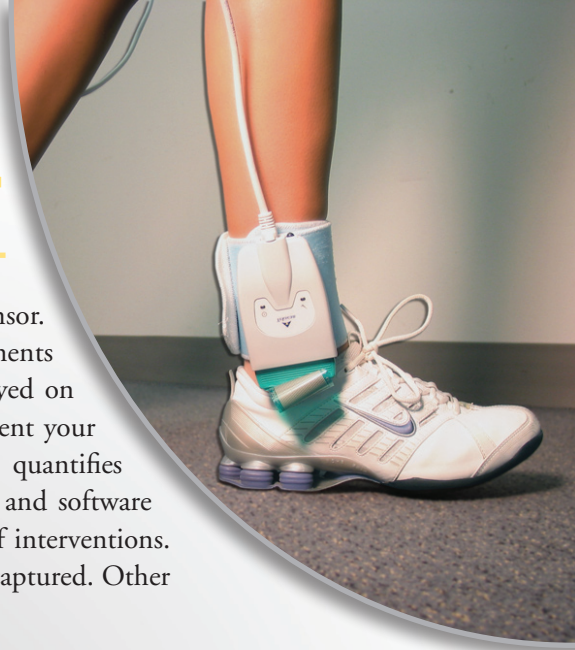


# F-SCAN® LITE VERSATEK® SYSTEM

## pedal in-shoe analysis

*F-Scan*® Lite is a single foot in-shoe system using the *F-Scan* paper-thin reusable sensor. The sensor is placed in the shoe and provides pedal plantar pressure and force measurements on the foot. Information regarding plantar pressure distribution is instantly displayed on your computer screen to enhance your ability to evaluate, substantiate, and document your diagnosis. Unlike traditional visual observation of foot function and gait, *F-Scan* quantifies contact pressure distribution and timing. It includes sensors, scanning 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 features of the system include:

- Captures fast dynamic events with high scan rates.
- Light weight hardware, indicator lights, and standard CAT5E cables with the *VersaTek* Cuffs.
- Snap-in-place connection to sensor with new Edge connection.
- Easy-to-use and portable system with USB connection to laptop.



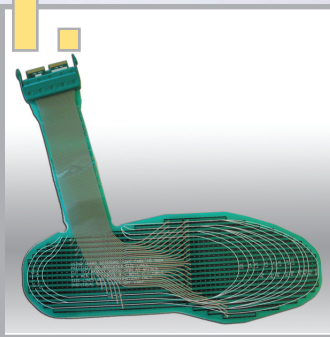
### APPLICATIONS:

- Analyze pathomechanics related to foot dysfunctions and gait disorders
- Assess effect of orthotics on foot and gait biomechanics
- Screen for disorders secondary to diabetes and other neuropathic issues
- Identify areas of potential ulceration
- Observe foot function and gait abnormalities
- Regulate weight bearing after surgery
- Compare pre- and post-surgery conditions
- Monitor degenerative foot disorders
- Assess high pressures due to ray hypomobility
- Isolate regions of the foot for segmented analysis

### BENEFITS:

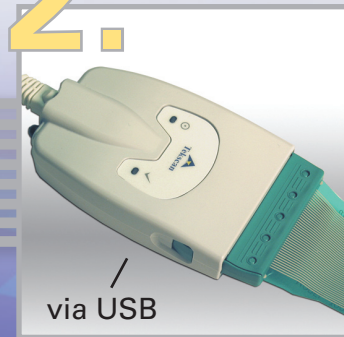
- Enhance treatment outcomes
- Improve orthotic footwear performance
- Manage treatment of foot inside the shoe
- Reduce costs by minimizing the need for follow-up and orthotic adjustments
- Increase patient satisfaction and generate more referrals
- Provide supporting documentation for fee-for-service approach and/or insurance claims

#### 1. Trim



Sensor model 3000E trims to accommodate shoe size and a range of footwear

#### 2. Connect



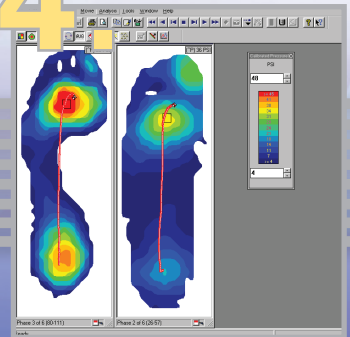
750 Hz Scan Rate and Click-to-Connect Edge sensor

#### 3. Collect



Ultra thin, high resolution sensor - 960 sensels

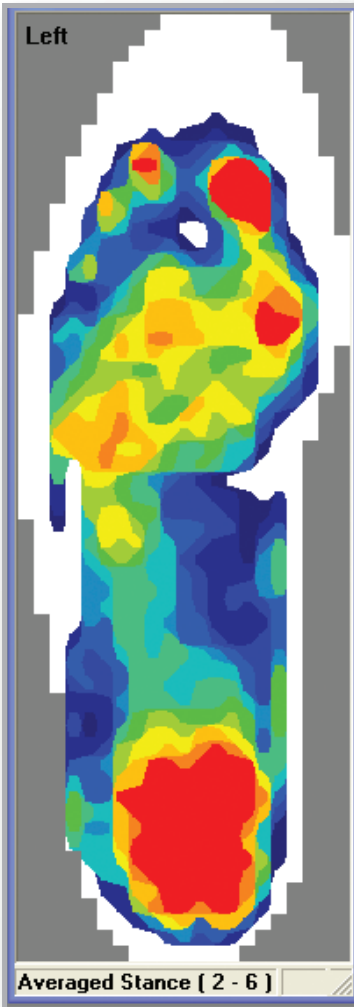
#### 4. Analyze



Compare pre- and post-conditions

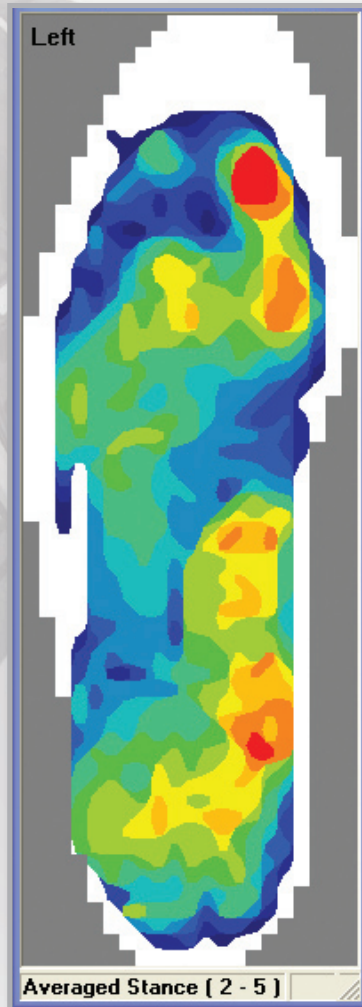
# F-SCAN<sup>®</sup> ANALYSIS

## Pre-Treatment



Pre-treatment profile shows high pressure, indicated by red, in the hallux and heel area.

## Post-Treatment



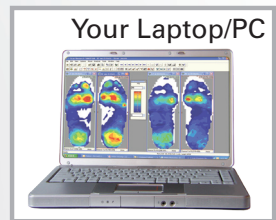
Post-treatment profiles shows the reduction of the high pressure areas due to the use of an orthotic.

## Sensor & System Specifications

<i>Sensor</i> Technology	Resistive
Insole Size	up to size 24E
# of Sensels	960 (Standard) / 1,848 (XL)
Pressure Range	50-75 psi/345-517 kPa (children) to 125 psi/862 kPa (adults)
Thickness	0.007" (0.15 mm)
<i>System</i> Scan Speed	up to 750 Hz
Connection Type	USB 2.0
Cable Length	15 ft to 100 ft available (4.57 m to 30.48 m)

## SYSTEM SETUP

- (1) VersaTek Cuff
- (1) F-Scan Sensor



- (1) CAT5E Cables



USB 2.0 Cable

Contact us today for a demonstration!

[www.tekscan.com](http://www.tekscan.com) / 800.248.3669

## UPGRADE AVAILABILITY

### F-Scan System

Upgrade to bipedal F-Scan  
as your needs evolve

