

F-Scan[®]

In-Shoe Pressure Measurement System



Reliable Information for More Complete Foot Function & Gait Analysis

The F-Scan system provides research validated information that can be used in real-world applications, such as designing and testing orthotics, offloading diabetic feet, and evaluating footwear and techniques in elite athletes. F-Scan is...

Unique Information - Only in-shoe analysis allows for the objective assessment of insoles, orthotics and footwear inside the shoe as well as the quantification of the treatment effectiveness

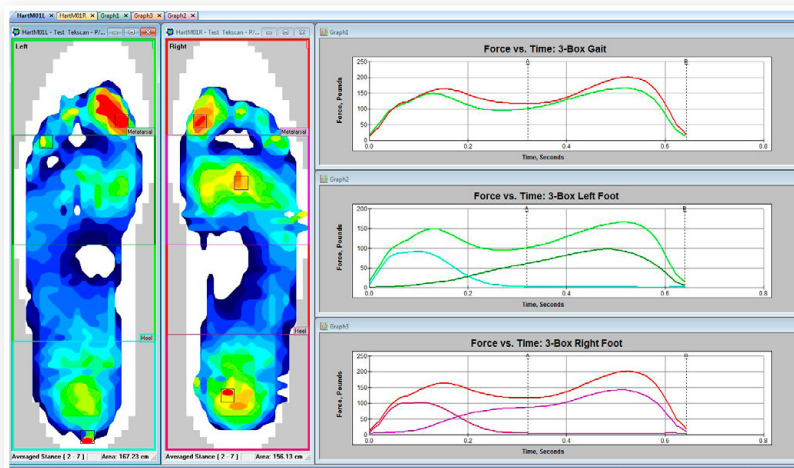
Highly portable - collect data in virtually any environment

Versatile - integrates with other gait lab technologies including EMG and motion capture systems

Best-in-class for profiling anatomical landmarks - Up to 9x the spatial resolution of the typical competitive solution

Optimized for sports testing - small, lightweight electronics, wireless and datalogger options and fast scan rates, so nothing is missed

NEW - Automated Analyses with Reports



Compares pre- and post-recordings to evaluate treatments

Automatically calculates key parameters for assessing foot function and gait

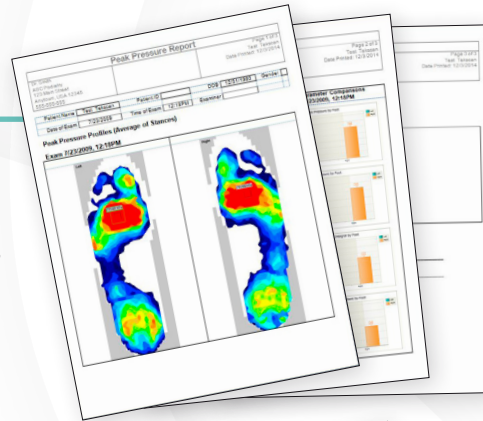
Copy data to Excel for additional analysis and documentation purposes

Differential Table	HarMO/L	HarMO/R	Moves L.L. Difference	Moves L.R. Difference	HarMO/L	HarMO/R	Moves R.R. Difference	Moves R.L. % Difference
CCP Displacement (mm)	-0.10 to 1.0	-0.2 to 0.6	-0.1 to 0.4	-0.1 to 0.4	0.5 to 1.4	0.2 to 1.3	0.3 to 0.1	120 to 9%
CCP Eccentric Index (%)	10%	9%	3%	30%	12%	10%	-1%	4%
Tal Peak (sec)	0.15	0.13	0.02	18%	0.16	0.15	0.01	9%
Trough (sec)	0.31	0.28	0.03	12%	0.32	0.31	0.01	3%
3rd Peak (sec)	0.52	0.52	-0.00	-1%	0.54	0.52	0.02	4%
Tal Curve 2-Peak Force (N)	2.0	17.3	-15.3	-80%	25.8	36.3	-10.7	-30%
Heel Midstance Curves Crossing (sec)	0.08	0.00	0.08	11%	0.11	0.13	-0.02	-12%
Heel Contact Time (sec)	0.35	0.31	0.04	10%	0.37	0.30	0.08	20%
Heel Maximum Force (N)	0.0	0.0	0.0	0%	0.0	0.0	0.0	0%

Accurate in-shoe analysis is faster & easier than ever with automated analysis!

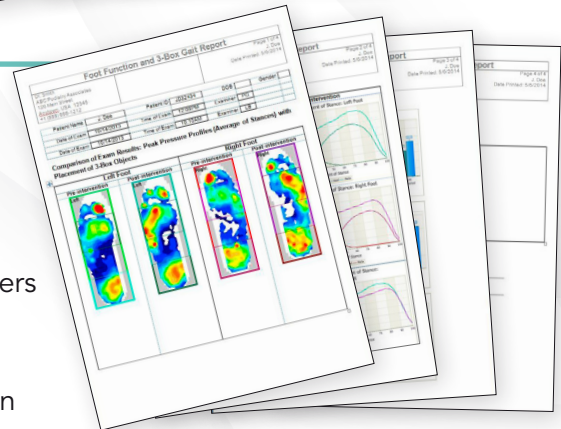
Peak Pressure Analysis

- Identifies and quantifies the peak pressure areas
- Confirms the efficacy of offloading treatments
- Generates a report showing before and after comparison



3-Box Analysis

- Isolates the heel and metatarsal regions in addition to the whole foot analysis
- Aids in identification of foot pathologies and gait disorders
- Confirms the efficacy of interventions and treatment
- Generates a report showing before and after comparison

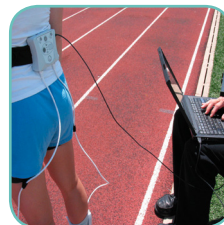


F-Scan is Available with 3 Data Transfer Choices

- **Wireless** - Sends data to your computer in real time via Wi-Fi
- **Datalogger** - Data is recorded and saved in the datalogger unit until ready to upload
- **Base (Tethered)** - Connects to computer via USB



Wireless



Datalogger



Base

Sensors are our specialty

Tekscan began as a sensor company, dedicated to making the highest quality resistive pressure sensors at an affordable price. Our ultra-thin in-shoe sensors provide among the highest resolutions available and can easily be trimmed to fit virtually any kind of footwear.

