Tekscan®

F-Scan®

In-Shoe Analysis System

The F-Scan® is an in-shoe pressure measurement system that provides useful information for diagnosing pathologies, evaluating treatments, and educating patients or asssessing subjects. F-Scan is...

- **Accurate and reliable** – validated by leading researchers for a variety of applications.
- **Portable** – collect data in virtually any environment.
- **Versatile** – integrates with other gait lab technology, such as EMG and motion capture systems.
- **Best-in-class for profiling anatomical landmarks** – high resolution, ultra-thin sensors provide objective in-shoe measurements.
- **Optimized for sports testing** – small, lightweight electronics, wireless and datalogger options and fast scan rates, so you don't miss a thing.

Selection Guide and Specifications

Sensors	Standard	Long-Handle	Sport	XL
Insole Size	Up to 14 Mens (US)	Up to 14 Mens (US)	Up to 14 Mens (US)	Up to 24E Mens (US)
Thinness	0.15 mm / 0.007 in	0.15 mm / 0.007 in	0.406 mm / 0.016 in	0.406 mm / 0.016 in
Technology	Resistive			
Resolution	3.9 per cm^2 / 25 sensels™ per in^2			
Pressure Range	50-75 PSI / 345-517 kPa (sensitive) to 125 PSI / 862 kPa (standard)			

All sensors should last approximately 5-15 trials, depending on the application. (This assumes more vigorous usage for the Sport sensor, such as running, jumping, etc.)

Systems	Base (tethered)	Wireless	Datalogger
Electronics Included	2 VersaTek® Cuffs VersaTek 2-Port Hub	2 VersaTek Cuffs 1 VersaTek Wireless Unit	2 VersaTek Cuffs 1 VersaTek Datalogger Unit
Scan Rates	Up to 750 Hz	Up to 100 Hz	Up to 750 Hz
Max Distance from PC	15 M / 50 ft standard, Up to 30.5 M / 100 ft available	Up to 100 M / 328 ft	Unlimited
Connection	USB	Wi-Fi	Upload via USB
Power	0.35 A, 100 - 240 VAC, 50 - 60 cycles	Li-Ion Battery, 8V / 2400 mA-Hr	Li-Ion Battery, 8V / 2400 mA-Hr

(1) The F-Scan Wireless/Datalogger system includes 2 VersaTek Cuffs and 1 wireless/datalogger unit with both Wi-Fi capability and memory stick.
(2) Standard CAT5E cables connect the Cuff to the wireless/datalogger Unit.
(3) Scan rates when using XL Sensors are 529 Hz (tethered), 58 Hz (wireless), and 446 Hz (datalogger).

Wireless/Datalogger Unit	
Size	4.20 x 3.75 x 1.50 in (10.7 x 9.5 x 3.8 cm)
Weight	322 g / 11.4 oz (with belt & battery)
Battery Life	Up to 2 hours recording

Gait Analysis Software

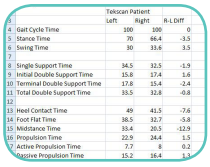
Tekscan's advanced, proprietary F-Scan software helps you analyze data in a variety of ways. The software is available in two versions – Clinical (base) and Research. Research software is an optional upgrade that provides additional capabilities and functionality for an additional cost.

All Tekscan software works with current Windows based operating systems. To view the complete computer requirements, visit: www.tekscan.com/computer-requirements.

Software		
	Clinical (base)	Research
NEW – Automated Peak Pressure Analysis with Report	X	X
NEW – Automated 3Box Analysis with Report (foot segmentation)	X	X
Pressure profiles (visual pressure distribution)	X	X
Force vs. Time Graphs	X	X
Patient Database	X	X
Side-by-side comparison for pre- and post- recordings	X	X
Export recordings as an AVI file	X	X
External triggering and data synch		X
Export data as an ASCII file		X
View and graph data as an integrated MS Excel table		X
Delayed Recordings		X
Support 2 Wireless/Datalogger Units		X
Additional calibration points		X
Multi-point equilibration		X

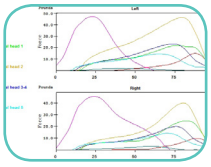
Optional Add-Ons

Research Software



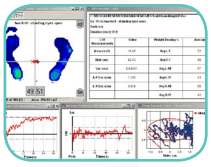
Additional software features to aid with research and analysis

Timing Analysis Module™ (TAM)



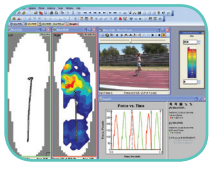
Provides timing parameters for more extensive gait analysis

Sway Analysis Module™ (SAM)



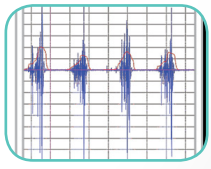
Evaluates balance and sway

Video Synchronization™



Facilitates synchronization with basic video for coordinated playbac

Trigger Transmitter & Trigger Receiver



Provides remote triggering capabilities for Wireless and Datalogger systems

Tekscan®

Specifications subject to change.

CALL TODAY FOR A DEMONSTRATION!

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