F-Scan64™ In-shoe System

F-Scan64 is a fully-wireless in-shoe system with micro-sized electronics for quick and natural gait analysis for clinical researchers. The Bluetooth™ enabled system works with compact cuffs attached to the shoelaces or tongue area connected to pre-sized in-shoe sensors. It provides essential gait analysis parameters like pressure and force data, timing parameters and Center of Force (CoF) data.

- **Plug & Play System** – Begin collecting data in 3 minutes or less!

- **Freedom of Movement** – Cord-free, compact system encourages natural gait.

- **Educational Gait Reports** – Visual peak pressure and gait reports can encourage patient compliance.

- **Gait Expertise** – Tekscan has decades of experience developing gait technology.

Sensor Specifications

Technology:	Resistive
# of Sensels:	64
Thinness:	0.229 mm (0.009 in.)
Pressure Range:	125 PSI / 862 kPa

Sensor Sizing Guide

Tekscan Sensor #	EU Size	Men's US Size	Women's US Size
3020	36/37	n/a	5.5 - 6.5
3022	38/39	6 - 7	7 - 8.5
3024	40/41	7.5 - 8.5	9 - 9.5
3026	42/43	9 - 10	10 - 11
3028	44/45	10.5 - 11	11 - 12
3030	46/47	11.5 - 12.5	n/a

System Guide & Specifications

Electronics Included:	(2) F-Scan64 Cuffs
	Micro-B to -A USB Charging Cables
	(2) Universal Power Supplies
	(1) Bluetooth™ Dongle

Scan Rates:	Up to 100 Hz
Max Distance to PC:	Up to 10 m (30 ft.)
Connection:	Bluetooth™
Power Supply:	115 - 230 VAC, 50 - 60 Hz, and Max Current 200 mA
	Interchangeable AC blades for North America, Europe, United Kingdom, Australia, and China

3020   3022   3024   3026   3028   3030

Tekscan™

F-Scan64 Cuff Specs

Size (L x W x H): 57.4 x 36.3 x 16.0 mm
(2.26 x 1.43 x 0.63 in.)

Weight: 27 g

Battery Life: 90 minutes (usage dependent)
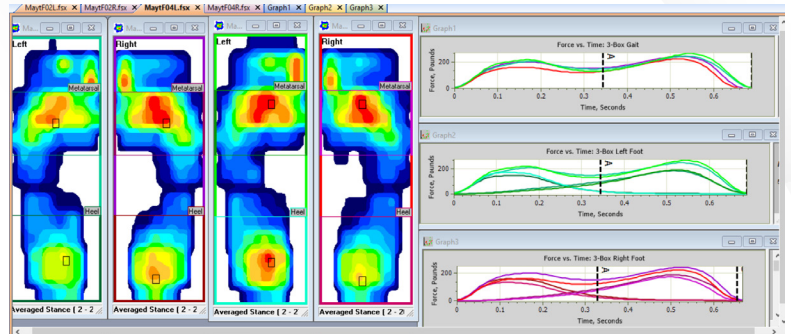

F-Scan64 Cuff Components

F-Scan64 Cuff Fully-Assembled

Gait Analysis Software

Get the essential parameters for gait analysis with F-Scan64 software. Below is a summary of the software features included:
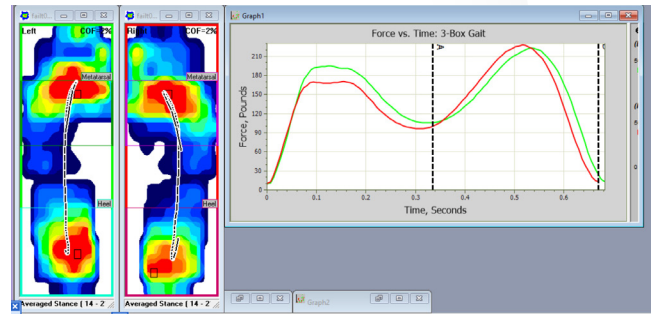
- Pressure and force data
- Center of Force
- Timing parameters:
  - Cadence
  - Step time
  - Stride time
  - Stance time
  - Swing time
- 3-Box and Peak Pressure Reports
  - Segment the foot for deeper analysis
  - Isolate areas of highest pressure
- ASCII data output
- Side-by-side comparison for pre- and post-recordings
- Patient database

Analyze pressure and force data, frame-by-frame

Multiple reporting formats, including ASCII

Measure center-of-force trajectory over time.

Computer Requirements

F-Scan64 requires a Windows® 10, and is only compatible with 64-bit operating systems. To view the complete computer requirements, visit: www.tekscan.com/computer-requirements.

Call Today for a Demonstration!

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