

# Walkway™

## Gait Analysis System

The Walkway™ is the only platform-based gait analysis system that captures force and plantar pressure data, PLUS temporal (time) and spatial (distance) gait parameters. Walkway is a versatile, research-validated tool that can be used alone or integrated with other systems, such as EMG or 3D motion capture. Walkway is...

- **Accurate and reliable** – validated by leading researchers for a variety of applications.
- **Best-in-class for profiling anatomical landmarks** – highest resolution sensors on the market.
- **Fast and easy to use** – capture multiple footsteps in a single pass with no setup required.
- **Low profile** – thinnest platform on the market minimizes gait changes, even in small children.



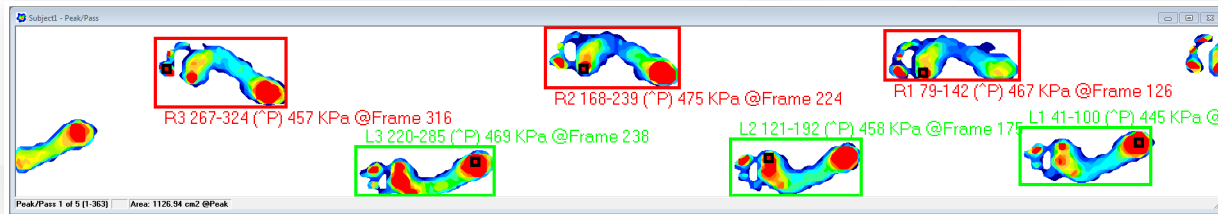
## Selection Guide and Specifications

	Standard Resolution (Base)	Standard Resolution (High Speed)	High-Resolution (Pediatric)
Sensor Model	3150	3150E	7101
Sensor Technology	Resistive	Resistive	Resistive
Resolution	1.4 sensels per cm <sup>2</sup> / 9.2 sensels™ per in <sup>2</sup>	1.4 sensels per cm <sup>2</sup> / 9.2 sensels per in <sup>2</sup>	4 sensels per cm <sup>2</sup> / 25 sensels per in <sup>2</sup>
Platform Height	0.6 cm / 0.2 in	0.6 cm / 0.2 in	0.6 cm / 0.2 in
Electronics Included	1 Evolution® Handle per sensor & 1 Multi-Port Powered USB Hub	1 VersaTek® Cuff per sensor & 1 VersaTek 2-Port Hub for every 2 sensors	2 VersaTek Cuffs & 1 VersaTek 2-Port Hub per sensor
Maximum Scan Speed	100 Hz	440 Hz	185 Hz
Connection Type	USB 2.0	USB 2.0	USB 2.0
Pressure Ranges	40, 75, 125 psi (276, 518, 862 kPa)	40, 75, 125 psi (276, 518, 862 kPa)	40, 75, 125 psi (276, 518, 862 kPa)
Power	USB BUS	0.35 A, 100 – 200 VAC, 50 – 60 cycles	USB BUS

# Walkway Gait Analysis System – Software Features

Tekscan's advanced, proprietary Walkway software helps you analyze your data in a variety of ways. All Tekscan software works with current Windows based operating systems. Software features include:

- Automated calculation of gait parameters displayed in table
- Automated 3-Segment foot model
- Pressure profiles (visual pressure distribution)
- Force vs. time graphs
- Patient/subject database
- Side-by-side comparison for pre-and post-recordings
- Peak/stance average view
- Single or multiple passes in a recording
- Export recorded movies as AVI or ASCII files
- External triggering and data synch



Walkway Software features automatic placement of strike boxes.

## Selection Guide

### Standard Resolution

Standard Resolution Walkways are appropriate for evaluating adults and older children. They are available with either Evolution or VersaTek electronics, depending on the scanning rate needed for a given application.

Configurations – Standard Resolution				
	Overall Dimensions		Sensing Area	
	Centimeters	Inches	Centimeters	Inches
WE2 or WV2*	93.5 x 58.4	36.8 x 23.0	87.2 x 36.9	34.3 x 14.5
WE3 or WV3*	158.6 x 58.4	62.5 x 23.0	130.8 x 36.9	51.5 x 14.5
WE4 or WV4*	207.1 x 58.4	81.5 x 23.0	174.4 x 36.9	68.6 x 14.5
WE5 or WV5*	243.84 x 58.4	96.0 x 23.0	218.0 x 36.9	85.8 x 14.5
WE6 or WV6*	287.0 x 58.4	113.0 x 23.0	261.5 x 36.9	103.0 x 14.5
WE7 or WV7*	330.2 x 58.4	130.0 x 23.0	306.0 x 36.9	120.5 x 14.5

\*E is for Evolution electronics (100 Hz max scanning) and V is for VersaTek electronics (440 Hz max scanning).

### High Resolution

High Resolution Walkways are best for evaluating small children. It is also suitable for evaluating adults. All High Resolution Walkways operate with Tekscan's patented VersaTek electronics, which provide faster scan rates of up to 185 Hz.

Configurations – High Resolution				
	Overall Dimensions		Sensing Area	
	Centimeters	Inches	Centimeters	Inches
HRV2	99.3 x 58.4	39.0 x 23.0	97.5 x 44.7	38.4 x 17.6
HRV3	148.5 x 58.4	58.5 x 23.0	146.3 x 44.7	51.5 x 14.5
HRV4	207.0 x 58.4	81.5 x 23.0	195.1 x 44.7	76.8 x 17.6
HRV5	256.5 x 58.4	101.0 x 23.0	243.8 x 44.7	96.0 x 17.6
HRV6	304.8 x 58.4	120.0 x 23.0	292.6 x 44.7	115.2 x 17.6
HRV7	330.2 x 58.4	139.0 x 23.0	341.4 x 44.7	134.4 x 17.6



To view the complete computer requirements visit [www.tekscan.com/computer-requirements](http://www.tekscan.com/computer-requirements). Specifications subject to change.



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