

Footscan - Entry Level

Footscan Entry Level is designed for **ease of use and plug & play setup**. These affordable solutions ensure high-quality data without compromising on performance.



	0.5m Entry Level Footscan system	1m Entry Level Footscan system	1.5m Entry Level Footscan system
	<ul style="list-style-type: none"> Small in size but high in performance Ideal for standing tests Easy to transport in the optional travel case 	<ul style="list-style-type: none"> Large plate to capture a complete gait cycle Ideal for balance measurements Easy to transport in the optional travel case 	<ul style="list-style-type: none"> Professional solution for gait and running research Durable and new black designed housing
Dimensions	578 x 418 x 12 mm 22.76" x 16.64" x 0.47"	1068 x 418 x 12 mm 42.05" x 16.46" x 0.47"	1605 x 469 x 18 mm 63.19" x 18.46" x 0.70"
Weight	4.2 KG 9.26 lbs.	8.3 KG 18.30 lbs.	24 KG 52.91 lbs.
Number of sensors	4096 (64 x 64 matrix)	8192 (128 x 64 matrix)	12288 (192 x 64 matrix)
Sensor dimensions	7.62 x 5.08 mm 0.30" x 0.20"	7.62 x 5.08 mm 0.30" x 0.20"	7.62 x 5.08 mm 0.30" x 0.20"
Active sensor area	488 x 325 mm 19.20" x 12.80"	975 x 325 mm 38.40" x 12.80"	1463 x 325 mm 57.60" x 12.80"
Sensor technology	resistive	resistive	resistive
Pressure range	1 – 127 N/cm ²	1 – 127 N/cm ²	1 – 127 N/cm ²
Data acquisition frequency	300 Hz	200 Hz	200 Hz
Resolution	10 bits	10 bits	10 bits
Operating temperature range	+15 °C to +30 °C	+15 °C to +30 °C	+15 °C to +30 °C
Storage temperature range	+0 °C to +40 °C	+0 °C to +40 °C	+0 °C to +40 °C
Relative humidity	20% to 80% non-condensing	20% to 80% non-condensing	20% to 80% non-condensing
Connection to PC	USB 2.0	USB 2.0	USB 2.0
Plate cable length	4300mm +/- 50mm (integrated cable)	4300mm +/- 50mm (integrated cable)	4600mm +/- 50mm (integrated cable)

Footscan - Advanced Level

High-speed Footscan systems offer more scanning power and a selection of Footscan plate sizes. Take precise plantar pressure measurements with **high sensor density** at a scanning rate of up to 500Hz or 500 measurements per second.



2D

1m Advanced Footscan system

2m Advanced Footscan system

Combination 2D interface box

- More comfortable and realistic measurements
- No need to target footsteps
- A combination of our 1m Footscan plate and 2D interface box

- Capture multiple steps at high speed
- A combination of our 2m Footscan plate and 2D interface box

Dimensions	1068 x 418 x 12 mm 42.05" x 16.46" x 0.47"	2096 x 469 x 18 mm 82.52" x 16.46" x 0.47"
Weight	8.3 KG 18.30 lbs.	28.8 KG 63.50 lbs.
Number of sensors	8192 (128 x 64 matrix)	16384 (256 x 64 matrix)
Sensor dimensions	7.62 x 5.08 mm 0.30" x 0.20"	7.62 x 5.08 mm 0.30" x 0.20"
Active sensor area	975 x 325 mm 38.40" x 12.80"	1950 x 325 mm 76.77" x 12.80"
Sensor technology	resistive	resistive
Pressure range	1 – 127 N/cm ²	1 – 127 N/cm ²
Data acquisition frequency	up to 500 Hz	up to 500 Hz
Operating temperature range	+15 °C to +30 °C	+15 °C to +30 °C
Storage temperature range	+0 °C to +40 °C	+0 °C to +40 °C
Relative humidity	20% to 80% non-condensing	20% to 80% non-condensing
Plate cable length	300mm +/- 50mm (integrated cable)	300mm +/- 50mm (integrated cable)
Total cable length to footscan interface box	6000mm +/- 50mm	6000mm +/- 50mm

Footscan - High-End Level

Full option high-speed Footscan systems combine scanning power with the integration of third party products such as force plates, EMG systems, motion capture and much more. Take precise plantar pressure measurements with high sensor density at a scanning rate of up to 500Hz or 500 measurements per second.



3D

1m High-End Footscan system

2m High-End Footscan system

Combination 3D interface box

- More comfortable and realistic measurements
- No need to target footsteps
- A combination of our 1m Footscan plate and 3D interface box

- Capture multiple steps at high speed
- A combination of our 2m Footscan plate and 3D interface box

Dimensions	1068 x 418 x 12 mm 42.05" x 16.46" x 0.47"	2096 x 469 x 18 mm 82.52" x 16.46" x 0.47"
Weight	8.3 KG 18.30 lbs.	28.8 KG 63.50 lbs.
Number of sensors	8192 (128 x 64 matrix)	16384 (256 x 64 matrix)
Sensor dimensions	7.62 x 5.08 mm 0.30" x 0.20"	7.62 x 5.08 mm 0.30" x 0.20"
Active sensor area	975 x 325 mm 38.40" x 12.80"	1950 x 325 mm 76.77" x 12.80"
Sensor technology	resistive	resistive
Pressure range	1 – 127 N/cm ²	1 – 127 N/cm ²
Data acquisition frequency	up to 500 Hz	up to 500 Hz
Operating temperature range	+15 °C to +30 °C	+15 °C to +30 °C
Storage temperature range	+0 °C to +40 °C	+0 °C to +40 °C
Relative humidity	20% to 80% non-condensing	20% to 80% non-condensing
Plate cable length	300mm +/- 50mm (integrated cable)	300mm +/- 50mm (integrated cable)
Total cable length to footscan interface box	6000mm +/- 50mm	6000mm +/- 50mm

Footscan - interface box



	2D interface box Footscan ADVANCED	3D interface box Footscan HIGH-END
	High speed measurements to capture every detail. A combination of our Footscan pressure plate and our 2D interface box.	16 analog channels to integrate external analog signals into the Footscan measurements. Sync and trigger inputs and outputs, master and slave modes. Synchronize high speed cameras, accept or initiate trigger signals. RF sync and trigger. Synchronize your gait lab. The 3D interface box allows the integration of third party products such as force plates, EMG systems, motion capture and much more.
Dimensions	220 x 190 x 94 mm 8.66" x 7.48" x 3.70"	220 x 190 x 94 mm 8.66" x 7.48" x 3.70"
Weight	2.4 KG 5.29 lbs.	2.4 KG 5.29 lbs.
Data acquisition frequency	up to 500 Hz	up to 500 Hz
Resolution	12 bits	12 bits
Operating temperature range	+15 °C to +30 °C	+15 °C to +30 °C
Storage temperature range	+0 °C to +40 °C	+0 °C to +40 °C
Relative humidity	20% to 80% non-condensing	20% to 80% non-condensing
Connection to PC	USB 2.0 (standard USB cable A-B 5m)	USB 2.0 (standard USB cable A-B 5m)
Power	12V DC (external mains power supply included)	12V DC (external mains power supply included)
Power consumption	13.51W	13.51W
RF transmit sync/trigger	/	433.92 MHz, FM
RF receive sync/trigger:	/	418.00 MHz, FM

Footscan - Pro Level Plate

Experience the next level of precision in plantar pressure measurement with our high-speed, full-option Footscan systems. Equipped with an ultra-dense sensor array and an impressive scanning rate of 500Hz (500 measurements per second), this cutting-edge technology ensures unparalleled accuracy and detail for superior insights.



	Footscan Pro Small	Footscan Pro Medium
Dimensions	400.36mm (+-2mm) x 598.36mm (+-2mm) x 14mm (+-0.5mm)	400.36mm (+-2mm) x 1174.36mm (+-2mm) x 14mm (+-0.5mm)
Weight	4.8kg (+-0.2kg)	9.3kg (+-0.2kg)
Sensor resolution	11.1/cm ²	11.1/cm ²
Number of sensors	24192 (arranged in a 126x192 matrix)	48384 (arranged in a 126x384 matrix)
Sensor dimensions	3mm x 3mm	3mm x 3mm
Active sensor area	377.5mm x 575.5mm	377.5mm x 1151mm
Sensor technology	resistive	resistive
Pressure range	1 – 200 N/cm ²	1 – 200 N/cm ²
Data acquisition frequency	500 Hz	500 Hz
Operating temperature range	+15 °C to +35 °C	+15 °C to +35 °C
Storage temperature range	-10 °C to + 55 °C	-10 °C to +55 °C
IP code	IP40	IP40
Plate USB cable length	4650mm ± 50mm (integrated cable)	4650mm ± 50mm (integrated cable)

Footscan - Pro Level Sync Plate

Discover the ultimate high-speed footscan systems, designed to deliver unmatched precision and versatility. The Sync models go beyond pressure measurement, seamlessly integrating with third-party devices like force plates, EMG systems, motion capture, and more. Capture precise plantar pressure data with an ultra-dense sensor network and lightning-fast scanning at 500Hz (500 measurements per second). Elevate your analysis with cutting-edge performance and diverse integration possibilities.



	Footscan Pro Small Sync	Footscan Pro Medium Sync
Dimensions	400.36mm (+-2mm) x 598.36mm (+-2mm) x 14mm (+-0.5mm)	400.36mm (+-2mm) x 1174.36mm (+-2mm) x 14mm (+-0.5mm)
Weight	4.8kg (+-0.2kg)	9.3kg (+-0.2kg)
Sensor resolution	11.1/cm ²	11.1/cm ²
Number of sensors	24192 (arranged in a 126x192 matrix)	48384 (arranged in a 126x384 matrix)
Sensor dimensions	3mm x 3mm	3mm x 3mm
Active sensor area	377.5mm x 575.5mm	377.5mm x 1151mm
Sensor technology	resistive	resistive
Pressure range	1 – 200 N/cm ²	1 – 200 N/cm ²
Data acquisition frequency	500 Hz	500 Hz
Operating temperature range	+15 °C to +35 °C	+15 °C to +35 °C
Storage temperature range	-10 °C to + 55 °C	-10 °C to +55 °C
IP code	IP40	IP40
Plate USB cable length	4650mm ± 50mm (integrated cable)	4650mm ± 50mm (integrated cable)
Trigger cable length	200mm ± 50mm (integrated cable)	200mm ± 50mm (integrated cable)