footscan® - Entry Level

Plug and play footscan® systems, affordable solutions without sacrificing performance.

	The plug and play 0.5m Entry Level footscan® system	1m Entry Level footscan® system	1,5m Entry Level footscan® system
	Easy to use. Small in size but high in performance. Easy to transport in the optional travel case.	Easy to use. Large plate to capture a complete gait cycle. Ideal for Balance measure-ments like a golf swing. Easy to transport in the optional travel case.	Professional solution for gait and running research Plug & Play durable and new black desiged 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)

*(L x W x H) in mm or inch

footscan® - Advanced Level

High speed footscan® systems, more scanning power and a selection of footscan® plate sizes. Take precise plantar pressure measurements with high density of sensors at a scanning rate of up to 500Hz or 500 measurements per second.

2D	The high speed 1m Advanced footscan® system	The high speed 2m Advanced footscan® system
Combination 2D interface box	High speed measurements and double in length compared to our 0.5m **footscan**® plate for more measuring comfort and realistic measurements, no need to target the footsteps. A combination of our 1m **footscan**® plate and our 2D interface box.	Capture multiple steps at high speed. A combination of our 2m **footscan**® plate and our 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

*(L x W x H) in mm or inch

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 density of sensors at a scanning rate of up to 500Hz or 500 measurements per second.

3D	The high speed 1m High-End footscan® system	The high speed 2m High-End footscan® system
Combination 3D interface box	High speed measurements and double in length compared to our 0.5m **footscan**® plate for more measuring comfort and realistic measurements, no need to target the footsteps. A combination of our 1m **footscan**® plate and our 3D interface box.	Capture multiple steps at high speed. A combination of our 2m **footscan**® plate and our 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

** (L x W x H) in mm or inch*

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

*(L x W x H) in mm or inch