

# footscan<sup>®</sup> - Entry Level

Plug and play footscan<sup>®</sup> systems, affordable solutions without sacrificing performance.

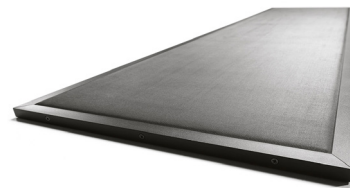


|                                    | The plug and play<br>0.5m Entry Level<br>footscan <sup>®</sup> system                                    | 1m Entry Level<br>footscan <sup>®</sup> system   | 1,5m Entry Level<br>footscan <sup>®</sup> system   |
|------------------------------------|--|--|--|
|                                    | Easy to use.<br>Small in size but high in performance.<br>Easy to transport in the optional travel case. | Easy to use.<br>Large plate to capture a complete gait cycle.<br>Ideal for Balance measurements like a golf swing.<br>Easy to transport in the optional travel case. | Professional solution for gait and running research<br>Plug & Play<br>durable and new black designed housing |
| <b>Dimensions *</b>                | 578 x 418 x 12 mm<br>22.76" x 16.64" x 0.47"   | 1068 x 418 x 12 mm<br>42.05" x 16.46" x 0.47"  | 1605 x 469 x 18 mm<br>63.19" x 18.46" x 0.70"  |
| <b>Weight</b>                      | 4.2 KG<br>9.26 lbs.  | 8.3 KG<br>18.30 lbs.   | 24 KG<br>52.91 lbs.  |
| <b>Number of sensors</b>           | 4096 (64 x 64 matrix)  | 8192 (128 x 64 matrix)   | 12288 (192 x 64 matrix)  |
| <b>Sensor dimensions</b>           | 7.62 x 5.08 mm<br>0.30" x 0.20"  | 7.62 x 5.08 mm<br>0.30" x 0.20"  | 7.62 x 5.08 mm<br>0.30" x 0.20"  |
| <b>Active sensor area</b>          | 488 x 325 mm<br>19.20" x 12.80"  | 975 x 325 mm<br>38.40" x 12.80"  | 1463 x 325 mm<br>57.60" x 12.80"   |
| <b>Sensor technology</b>           | resistive  | resistive  | resistive  |
| <b>Pressure range</b>              | 1 – 127 N/cm <sup>2</sup>  | 1 – 127 N/cm <sup>2</sup>  | 1 – 127 N/cm <sup>2</sup>  |
| <b>Data acquisition frequency</b>  | 300 Hz   | 200 Hz   | 200 Hz   |
| <b>Resolution</b>                  | 10 bits  | 10 bits  | 10 bits  |
| <b>Operating temperature range</b> | +15 °C to +30 °C   | +15 °C to +30 °C   | +15 °C to +30 °C   |
| <b>Storage temperature range</b>   | +0 °C to +40 °C  | +0 °C to +40 °C  | +0 °C to +40 °C  |
| <b>Relative humidity</b>           | 20% to 80% non-condensing  | 20% to 80% non-condensing  | 20% to 80% non-condensing  |
| <b>Connection to PC</b>            | USB 2.0  | USB 2.0  | USB 2.0  |
| <b>Plate cable length</b>          | 4300mm +/- 50mm<br>(integrated cable)  | 4300mm +/- 50mm<br>(integrated cable)  | 4600mm +/- 50mm<br>(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.

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

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

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

# footscan<sup>®</sup> - interface box



## 2D interface box footscan<sup>®</sup> ADVANCED

## 3D interface box footscan<sup>®</sup> HIGH-END

|                                    |  |   |
|------------------------------------|--|---|
|                                    | High speed measurements to capture every detail. A combination of our <b>footscan<sup>®</sup></b> pressure plate and our 2D interface box. | 16 analog channels to integrate external analog signals into the <b>footscan<sup>®</sup></b> measurements.<br>Sync and trigger inputs and outputs, master and slave modes. Synchronize high speed cameras, accept or initiate trigger signals.<br>RF sync and trigger.<br>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. |
| <b>Dimensions *</b>                | 220 x 190 x 94 mm<br>8.66" x 7.48" x 3.70"   | 220 x 190 x 94 mm<br>8.66" x 7.48" x 3.70"  |
| <b>Weight</b>                      | 2.4 KG<br>5.29 lbs.  | 2.4 KG<br>5.29 lbs.   |
| <b>Data acquisition frequency</b>  | up to 500 Hz   | up to 500 Hz  |
| <b>Resolution</b>                  | 12 bits  | 12 bits   |
| <b>Operating temperature range</b> | +15 °C to +30 °C   | +15 °C to +30 °C  |
| <b>Storage temperature range</b>   | +0 °C to +40 °C  | +0 °C to +40 °C   |
| <b>Relative humidity</b>           | 20% to 80% non-condensing  | 20% to 80% non-condensing   |
| <b>Connection to PC</b>            | USB 2.0<br>(standard USB cable A-B 5m)   | USB 2.0<br>(standard USB cable A-B 5m)  |
| <b>Power</b>                       | 12V DC<br>(external mains power supply included)   | 12V DC<br>(external mains power supply included)  |
| <b>Power consumption</b>           | 13.51W   | 13.51W  |
| <b>RF transmit sync/trigger</b>    | /  | 433.92 MHz, FM  |
| <b>RF receive sync/trigger:</b>    | /  | 418.00 MHz, FM  |

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