

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