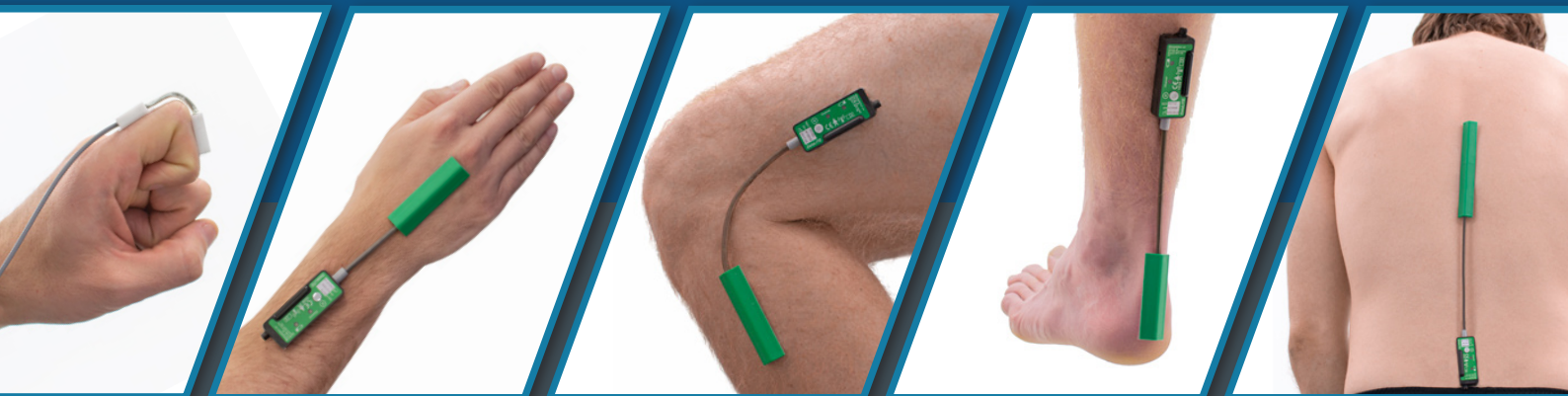
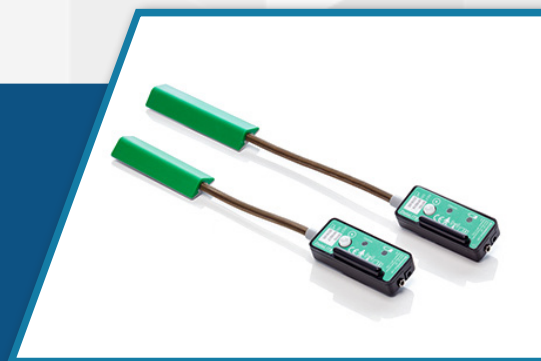


Electrogoniometers

Biometrics Ltd.'s range of electronic Goniometers provides a precise solution for measuring dynamic joint movement across two planes simultaneously. Designed to be robust yet lightweight, these flexible sensors offer unobtrusive wearability under clothing and do not restrict natural joint movements.

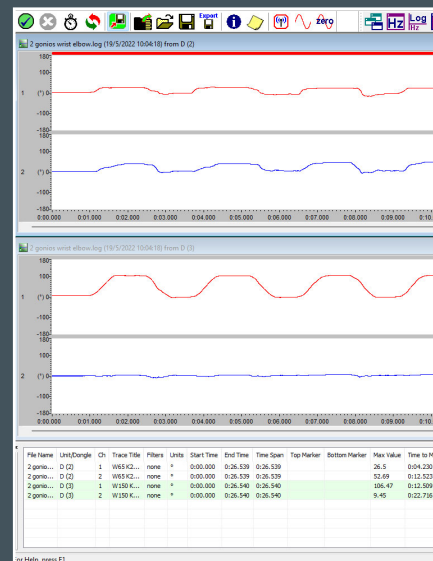


Electronic goniometers can be either **wired** or **wireless**, with the latter providing more flexibility in movement, transmitting data up to **30 meters** without loss. Simply place the sensor over a joint, with its end blocks fixed at two distinct points across that joint. As the joint moves, the goniometer captures the change in the angle between these two points, sending this data to a compatible interface for immediate analysis. Analysis software can calculate a wide array of measurements such as **angular displacements, velocities, accelerations**, and many more.

 biometricsltd.com/goniometer

SPECIFICATIONS

Number of Axis	2	Resolution	+ 0.1° in a range of 180°
Full Scale	±180°	Repeatability	1° measured over a range of 90°
Accuracy	± 2° measured over a range of ± 90°	Sizes to Fit	Wrist (Adult/Pediatric), Neck, Elbow, Knee, Hip, Ankle, Back
Wireless Interface	DataLITE PIONEER, ADVANCE, EXPLORE 	Wired Interface	DataLOG, DataLINK, Amplifier or third-party 



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