

insoleX



A new exciting addition to the Cometa ecosystem. Pressure sensitive insoles, powerful and perfectly integrated.

cometa

www.cometasystems.com

A move beyond EMG and IMU

Seamlessly integrate InsoleX into your WaveX set up or pick the stand alone version. Add foot pressure information and other gait parameters to your workflow with our new InsoleX system.

- 64 points
- Resistive technology
- Integrated IMU
- Memory on board
- Individually calibrated
- Synchronous with WaveX or stand alone version



Technical specifications

	InsoleX BT	InsoleX RF
Sampling rate	100 Hz	100 Hz
Sampling resolution	16-bit	8-bit / 16-bit
IMU	Up to 16g/2000dps	Up to 16g/2000dps
Protocols	Insole 100 Hz	Insole 100 Hz 8 bit (takes 1 RF channel/insole)
	Insole 100 Hz + IMU Raw Data 500 Hz	Insole high resolution 100 Hz 16 bit (takes 2 RF channels/insole)
	Insole 100 Hz + IMU Mixed Data 200 Hz	Insole 100 Hz 8 bit + IMU Raw Data 500 Hz (takes 2 RF channels/insole)
	Insole 100 Hz + IMU Fused Data 400 Hz	Insole 100 Hz 8 bit + IMU Mixed Data 200 Hz (takes 2 RF channels/insole)
Compatibility	Compatible with Wave Plus EMG and IMU sensors	Insole 100 Hz 8 bit + IMU Fused Data 400 Hz (takes 2 RF channels/insole)
		Synchronous with EMG and IMU signal from WaveX sensors
Internal memory	Up to 5.5 hours of data	Up to 11.5 hours of data
Data download	Via bluetooth	Via wifi
Battery life	18 hours	18 hours
Sensor dimensions	42 x 48.5 x 21.5 mm	42 x 48.5 x 21.5 mm
Sensor weight	35 gr	35 gr

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