

picoX



A new solution, now with
integrated IMU.



A reinvented Pico

PicoX is the newest arrival in the Cometa wireless EMG family. It's the evolution of the widely appreciated Pico EMG and includes a more powerful transmitter, a new enclosure and an IMU sensor that can be used together with the EMG or by itself.

- 2000 Hz EMG sampling frequency
- 500 Hz IMU sampling frequency
- Extended 40 meters indoor range
- 10 hours battery life
- Up to 36 synchronized channels



Technical specifications

EMG sampling rate	2000 Hz
EMG sampling resolution	16-bit
EMG baseline noise	<3 μ V
EMG CMRR	>100 dB
EMG input impedance	>100 M Ω
EMG high pass filter	10 Hz
EMG low pass filter	500 Hz
Internal memory	8 hours of data
Analog output	Configurable 40 channels
Full IMU sample rate	Up to 500Hz
Sensor dimensions	41 x 23 x 14 mm
Sensor weight	9.5 gr

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