



EMG INCL.
ACCELEROMETER

DATA LOGGING +
WATERPROOF

FOOT SWITCHES

aktos - EMG made easy

- WIRELESS TRANSMISSION - NO WIRES OR BACKPACKS
- REAL TIME - CONSTANT AND ULTRA LOW LATENCY
- MEASURE ALL DAY - RECHARGE AT NIGHT
- ATTACH AND GO - EVERYTHING IS PLUG-AND-PLAY
- THE RESULTS YOU NEED, FAST - POWERFUL, INTEGRATED HARDWARE AND SOFTWARE



Transmitter



Receiver and charging cradle

COMPACT DESIGN

The myon aktos transmitters are the smallest ones commercially available.

BEYOND LIMITS

You want to capture in the field? Use the onboard memory to store up to 10 hours of synchronized data.

WATERPROOF

The first waterproof EMG+ACC allows you to capture data of swimmers, divers or any other subject underwater.

STANDALONE OR SYNCHRONIZED

Use the myon aktos system standalone or synchronized with your motion capture system. The analog output makes it very easy to synchronize to other hardware.

CLINICAL

- gait analysis
- rehabilitation
- physiotherapy

ERGONOMICS

- workplace evaluation
- product design
- injury prevention

SPORTS

- monitoring
- training optimization
- injury prevention
- rehabilitation

RESEARCH

- kinesiology
- neuromuscular disorders
- biomechanics
- animal studies
- pediatric studies

Transmitter dimensions	32 x 17 x 12 mm
Transmitter weight	7.9 g
Data logging	10 hours onboard memory
Waterproof option	underwater measurements
Fine wire approved	yes
Footswitch	optional
Range	30 m
Transmission protocol	proprietary bidirectional, 2.4 GHz
Battery life	10 hours
Sampling rate	2000 Hz EMG, 148 Hz ACC per channel
Integrated 3-axial ACC	$\pm 2, \pm 4, \pm 8, \pm 16 (g_n)$
Resolution	16 bit
Receiver output	digital, optional analog output
Latency	14 ms, constant
Inter-channel offset	none
Medical product conformity	ED 1993/42/EC, CE Class 2a
Radio installation conformity	ED 1999/5/EC (R & TTE), FCC

CONTACT SALES

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