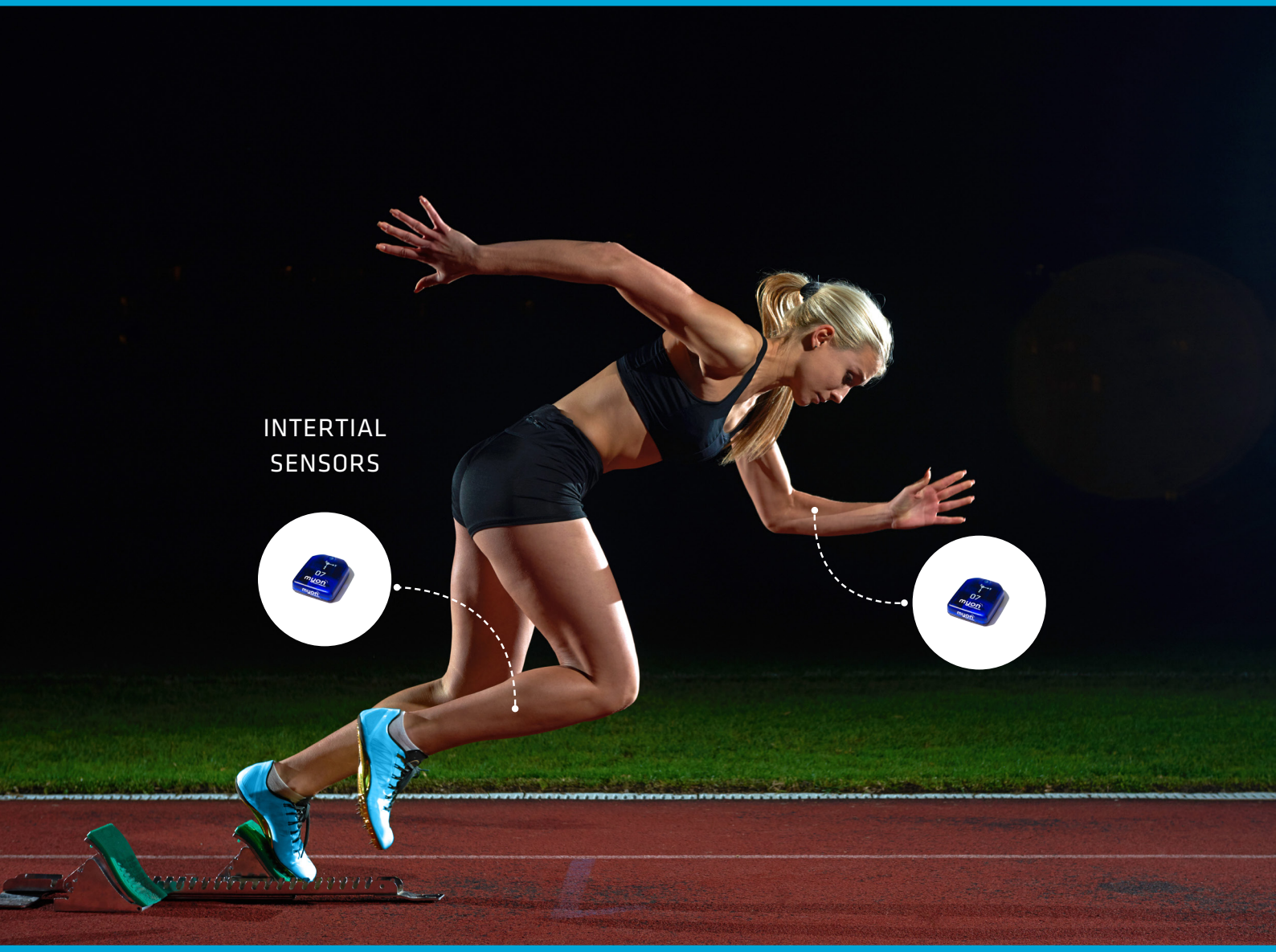
myon
SIMPLY WIRELESS



aktos-t - Movement analysis

- Wireless transmission – No wires or backpacks
- Real time – Constant 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

THE MYON AKTOS FAMILY - WIRELESS ACQUISTION OF BIOPHYSICAL SIGNALS

aktos-t

TECHNICAL DATA

Transmitter aktos-t

Receiver

COMPACT DESIGN

The myon aktos-t transmitters are the smallest ones commercially available.

BEYOND LIMITS

You want to capture in the field? Use the onboard memory to store up to 6 hours of synchronized data.

WATERPROOF

The first waterproof inertial sensor 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 our aktos EMG series. To synchronize with other equipment you can use the TTL output of the receiver.

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	32.7 x 25.5 x 7.8 mm	
Transmitter weight	5 g	
Data logging	6 hours onboard memory	
Waterproof option	for underwater measurements	
Footswitch	optional	
Range	30 m	
Transmission protocol	proprietary bidirectional, 2.4 GHz	
Battery life	6 hours	
Sampling rate	286Hz for RAW or 6-axaxial fusion	
ACC	± 2, ± 4, ± 8, ±16 (g_N)	
GYR	± 250, ± 500, ± 1000, ± 2000 (°/sec)	
MAG	± 1 (mT)	
Accuracy	static (Roll/Pitch)	0.2 deg
	static (Heading)	0.5 deg
	dynamic	1 deg RMS
Receiver output	digital	
Latency	14 ms, constant	
Inter-channel offset	none	
Medical product conformity	ED 1993/42/EC, CE Class 2a	
Radio conformity	ED 1999/5/EC (R & TTE), FCC	

CONTACT SALES

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