

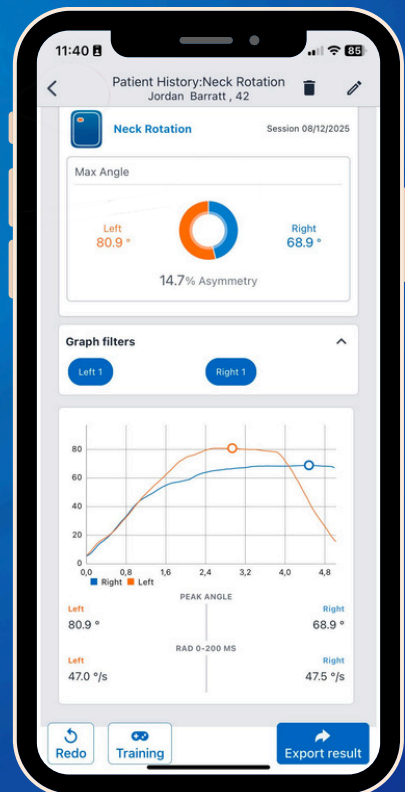
K-MYO

NEUROMUSCULAR SENSOR
SURFACE ELECTROMYOGRAPHY (SEMG)

CONNECTED SURFACE EMG TO VISUALIZE,
MEASURE, AND OPTIMIZE MUSCLE ACTIVATION

K-Myo is a non-invasive surface EMG sensor designed to analyze muscle activation, fatigue, and neuromuscular imbalances in real time.

It enables practitioners to target weakened muscles, monitor muscle recovery, and accurately measure progress throughout rehabilitation or training programs.



MEASURE
MOVE
PROGRESS

TECHNICAL SPECIFICATIONS

DIMENSIONS & WEIGHT

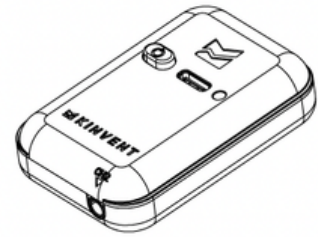
- **Dimensions:** 60× 40× 16.5 mm
- **Weight:** 30 g

PERFORMANCE

- **Channels: up to 2 channels per sensor (4 channels total)**
Sensors can be paired to expand the number of measurement channels.
- **Maximum sampling frequency:** up to 2000 Hz
- **Signal resolution:** 0.1 μ V

CONNECTIVITY

- **Wireless transmission:** Bluetooth
- **Wireless range:** jusqu'à 40 m
- **Battery life:** up to 12 hours of continuous use
- **Charging time:** 2 hours
- **Automatic standby mode:** after 10 minutes of inactivity



Product Reference: [MP.10.04.FN]
EAN: 3770033274361



EQUIPMENT

INCLUDED IN THE PACKAGE

K-Myo accessory kit:

- 1 Reusable Ag/AgCl snap electrodes ×2
- 2 Adjustable strap ×1 (80 cm)
- 3 ECG-EMG cable with snap connector ×1
- 4 Ø35 mm electrodes ×50
- 5 Charging cable and user manual

K-Myo:

- 6 1 sensor

OPTIONAL

Ø35 mm electrodes | **50 units per box**
Reference: PL.65.00.01
EAN: 3770033274538

Ø35 mm electrodes | **1000 units per box**
Reference: PL.65.00.02
EAN: 3770033274545

K-Myo accessory kit

Reference: ME.10.00.01
EAN: 3770011995738



PRODUCT BENEFITS



01 Real-Time Biofeedback

Instantly visualize muscle activation and fatigue through real-time biofeedback, during both assessment and training.



02 Multiple K-Myos

Up to 2 channels per sensor (4 channels), with the ability to pair multiple sensors to analyze several muscle groups simultaneously (agonists/antagonists).



03 Quick & Easy Setup

Intuitive and easy to use, K-Myo delivers reliable EMG data with fast setup, a clear interface, and immediately actionable results.



04 Injury Prevention & Rehabilitation

Identify lateral imbalances, analyze agonist/antagonist relationships, and reduce injury risk while maximizing rehabilitation effectiveness.



05 Targeted Muscle Rehabilitation

Precisely target deficient muscles to improve coordination, functional strength, and motor control.



06 Full Integration with the Kinvent Ecosystem

Connect K-Myo with other Kinvent sensors to combine angles, force, power, and muscle activity within a unified analysis.

EXPERT TIP

Movement quality depends on muscle activation quality
Movement quality is directly linked to the quality of muscle activation.

With K-Myo, professionals can objectively assess neuromuscular activity, identify compensation strategies, and guide rehabilitation or training based on reliable physiological data that is easy for patients to understand.

