

# Surface Electromyography (sEMG) Sensor

## Main Features



- Pre-Amplified,
- Light Wight Sensor
- Contemporary Design
- Picks Electromyography signal from the surface of the skin
- Does not require skin abrasion
- Can be used with or without gel
- Comes with 3 built in color coded extension snaps

**State-of-the-art Sensors and Systems for Physiological Measurements**

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## Possible Uses

Some possible Uses of sEMG Sensor with an appropriate software are:

- ❖ Muscular Rehabilitation
- ❖ Muscular Evaluation
- ❖ Muscle Tension / Anxiety Measure
- ❖ Biofeedback
- ❖ Research

## Specifications

### sEMG Sensor:

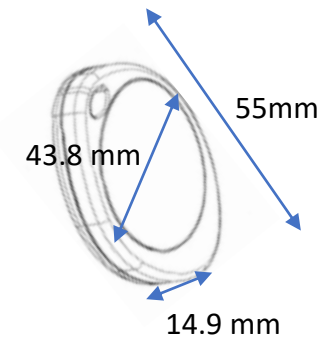
A pre-amplified sensor that removes artifact and which may be used with or without gel.

### Features:

- ❖ Range 0.01 - 1000 uV
- ❖ Input Impedance: >1,000,000 Meg Ohms
- ❖ CMMR: >150dB @50 Hz
- ❖ Bandwidth: 25 - 450 Hz
- ❖ Notch filter option
- ❖ Raw and RMS Option
- ❖ Lighter Design
- ❖ Antistatic Protection

### Physical Attributes:

- ❖ Color: Off White:
- ❖ See drawing for dimensions



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Specifications subject to change  
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