

Wireless Sensor

sEMG





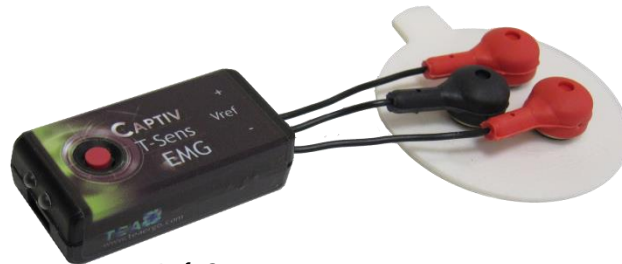
T-Sens sEMG

Description

Wireless module for surface electromyography (sEMG) measurement. The RMS data value is calculated and transmitted directly by the T-Sens module. Compatible for operation with **T-Log** Datalogger or **T-REC** module.

Fields of use

- Ergonomics
- Prevention
- Research
- Workplace analysis
- Sport
- and more...



Ref. C2031

Implementation

T-Sens sEMG can be used with single electrodes or with a triode.



T-Sens sEMG
with triode

Sensor specifications

Number of channels	1
Calibration	F-max (maximal voluntary force)
Unit	µV
Sampling frequency	2048Hz
RMS calculation	128Hz
Resolution	16Bits
Range	4000µV, 2000µV, 1400µV, 700µV

Electrical specifications

Power supply	Li-Ion battery 210mAh
Battery life	8hrs
Recharging time	3hrs

Mechanical specifications

Sensor Dimensions	52mm x 25mm x 14mm 2" x 1" x 0.5"
Wire+electrodes length	70mm / 2.75"
Weight	20g / 0.7 oz

Operating conditions

Temperature	0°C to 40°C / 32°F to 104°F
Humidity	< 60%

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