

Wireless Sensor

ECG





T-Sens ECG

Description

Wireless module for of raw ECG signal measurement. Two versions are available, [Ref. C2036](#) with snap connectors for standard electrode use, [Ref. C2035](#) with a belt including permanent and reusable electrodes. Compatible for operations with [T-Log](#) Datalogger , [T-REC](#) module.

Fields of use

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

Implementation

Using the ECG belt simplifies implementation and reduces electrical spikes due to movement.



T-Sens ECG with belt

Ref C2035



Ref. C2035



Ref. C2036

Sensors specifications

Number of channels	1
Unit	μV
Sampling frequency	256Hz
Over sampling	x4 (1024Hz)
Resolution	16Bits
Range	$\pm 2.4\text{mV}, \pm 1.2\text{mV}, \pm 0.8\text{mV}$

Electrical specifications

Power supply	Li-Ion battery 220mAh
Autonomy	8hrs
Recharging time	3hrs

Mechanical specifications

T-Sens Dimensions	52mm x 25mm x 14mm 2" x 1" x 0.5"
Wires + electrodes length	85mm / 3.35"
Belt size	M to XXL
T-Sens Weight	20g / 0.7 oz

Operating conditions

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

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