

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-DAC** module or **T-USB** Key.

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



Sensors specifications

Number of channels	1
Unit	µV
Sampling frequency	256Hz
Over sampling	x4 (1024Hz)
Resolution	16Bits
Range	±4.4mV, ± 2.2mV, ±1.46mV

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

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

