

Wireless Sensor

Inclinometer





T-Sens Inclinometer

Description

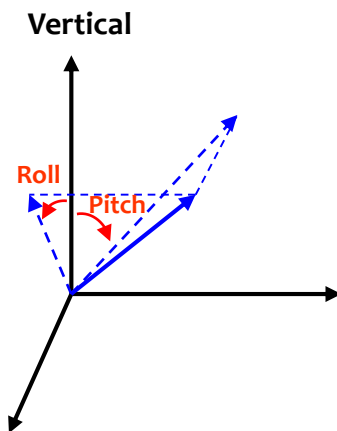
Wireless Module for measuring the inclination of an object or a person with reference to the vertical position. Measurements consist in 2 Euler angles (pitch and roll). Compatible for operations with **T-Log** Datalogger or **T-REC** module.

Fields of use

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

Applications

- Movement analysis
- Posture



Ref. : C2028

Sensor specifications

Number of channels	2 (Pitch, Roll)
Calibration	Rest position
Unit	Degree (°)
Frequency	16Hz / channel
Resolution	12 Bits
Measuring range	
Roll	+/- 90°
Pitch	+/- 90°
Accuracy	
Pitch, Roll	1° if <15°
Pitch, Roll	2° if >15°

Electrical specifications

Power supply	Li-Ion Battery - 190mAh
Battery life	8hrs
Recharging time	3hrs

Mechanical specifications

Dimensions	52mm x 25mm x 14mm 2" x 1" x 0.5"
Weight	20g / 0.7 oz

Operational conditions

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

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