

# WIRELESS FORCE, ACCELERATION AND ANGULAR SPEED SENSOR

Reference : PS-3202



## Free application on smartphone and tablet Results exportable in CSV

### Internal memory for autonomous measurements

A multiparameter sensor essential for the study of mechanics.

Measurement parameters of force , acceleration and angular velocity.

You can mount the sensor on a rotating platform or on a mobile to measure forces and accelerations on a dynamic system.

Wireless design offers improved measurements (the presence of a cable could affect the outcome of the experiment).

Characteristics:

- High impact resistance (free fall)
- Bluetooth® and USB connectivity
- 3-axis accelerometer
- 3-axis gyroscope
- Measurement range: +/- 50 N
- Resolution : 0.03 N

- Precision : 0.1 N
  - Acceleration range:  $\pm 16$  g
  - Battery: rechargeable lithium-polymer, charge of about 6 months
  - Bluetooth: BT 4.0
  - USB cable for charging
- Applications:
- Free oscillation
  - Forced oscillation
  - Launched
  - Pendulum movement