

3-AXIS ACCELEROMETER / WIRELESS ALTIMETER

Reference : PS-3223



The 3-axis accelerometer / wireless altimeter, measures acceleration in all three dimensions as well as altitude to work on a wide variety of activities and experiences.

The 3-axis accelerator / altimeter includes a strap to allow students to collect data for a variety of physical activities without cables getting in the way. The sensor is surrounded by a rubber housing that protects it from impacts. The 3-axis accelerator / altimeter can also remotely record acceleration and altitude data, making it ideal for recording motion (roller coasters or other attractions).

Applications:

- Launch the sensor to record the data during its flight
- Record the movement of rides such as roller coasters, swings, free falls, etc.
- Study accelerations recorded during collisions

Specifications:

- Accelerometer ranges: ± 16 g; ± 100 g; ± 200 g; ± 400 g
- Acceleration (3 axes and resulting)
- Altitude

- Angular velocity (3 axes)
- Recording: Yes
- Battery: Button cell
- Connectivity: Bluetooth 4.0