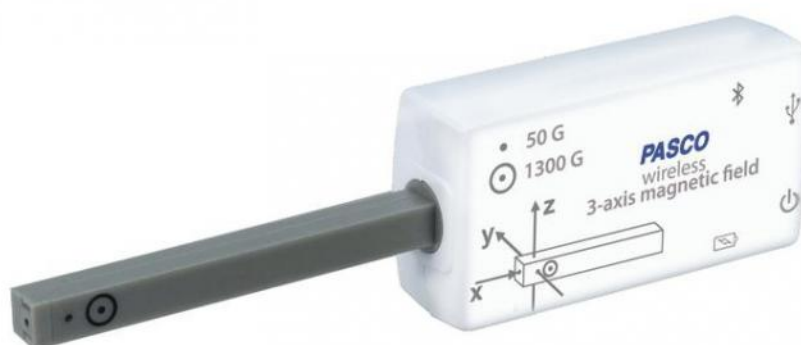


3-AXIS WIRELESS MAGNETIC FIELD SENSOR

Reference : PS-3221



No interface

This sensor is ideal for studying static fields.

Simultaneously measure magnetic fields on three axes with this dual-range wireless sensor sensitive enough to measure the Earth's magnetic field.

The 3-axis magnetic field sensor can detect the Earth's magnetic field as well as the fields of coils, bar magnets and live wires. There are two ranges: ± 50 gauss and ± 1300 gauss can be selected by the user. Measure the three components of the magnetic field as well as the resulting product or, if desired, measure the field along one or both axes depending on your experiment.

The sensor measures the X, Y and Z components of the magnetic flux density in tesla, millitesla and gauss. The arrangement of the X, Y and Z components is indicated on the upper label.

Characteristic:

- Ranges: +/- 50 G or +/- 1300 G
- Resolution +/- 0.01 G (50 G range) and +/- 2 G (1300 G range)
- Maximum sampling rate: 100 Hz
- Recording: Yes
- Battery: Rechargeable Lithium-Polymer

applications

- Mapping a magnetic field
- Study the field strength of permanent magnets or live wires and electromagnets
- Examine the field strength of a solenoid
- Measure the field of a Helmholtz coil
- Study the Earth's magnetic field