

3-AXIS LOAD CELLS/ACCELEROMETER

Reference : PS-3216



Wireless, it can be used for most structural activities. Its wireless nature and accelerometer also make it ideal for studying oscillations of structures. As it requires neither interface nor amplifier, it is excellent value for money.

Characteristics

- Load cell: +/- 50 N
- Resolution : 0.05 N
- Precision : 0.1 N
- Acceleration range: +/- 16 g (three axes)
- Measurements: Force (N)
- Acceleration - x, y, z and the result (m / s^2)
- Battery: Rechargeable Lithium-Polymer
- Connectivity: Direct USB or via Bluetooth 4.0
- Recording: Yes

Applications

- Basic studies of tension and compression in structures (as part of the Building Better Bridges kit)
- Search static and dynamic load
- Observe the forces and accelerations present in the structures
- Discovery of resonance modes of controlled structures