

Wireless Pressure Measurement Kit

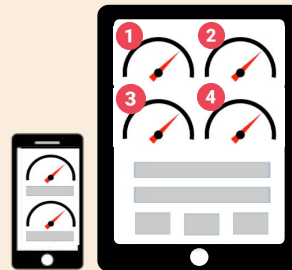
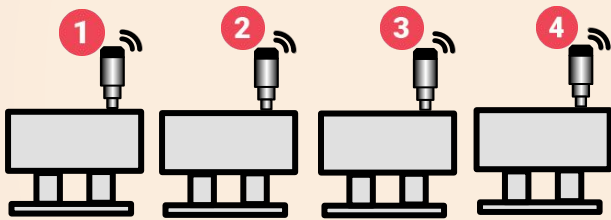
Motionics Wireless Pressure Measurement Kit uses an iPhone/iPad to connect to multiple Bluetooth pressure transducers BluePSI and simultaneously monitor pressure change at several locations.

BluePSI is a series of pressure sensors for measurement of liquid or gas pressure. It has high resolution (24-bit ADC), high accuracy ($\pm 0.25\%FS$), long battery life (up to 2 years with a coin battery) and good water and dust proof rate (IP67). Most importantly, it eliminates the need of hard wiring and manual data logging thanks to its Bluetooth 4.0 wireless connectivity. With our iOS App, users can even continuously monitoring pressure conditions at multiple locations.



Specification:

- Measurement Range: 0-50 to 0-15000 psi
- Accuracy: $\pm 0.25\%FS$
- Bluetooth 4.0 Wireless Connection
- Wireless Data Transmission Interval: 5 s (more options available)
- Wireless Data Transmission Range: up to 20 m
- Weather Proof: IP67
- Working Temperature: $-20 - 85\text{ }^{\circ}C$
- Battery: CR2050
- Pressure Port: $\frac{1}{4}$ -18 NPT (more options available)



Pressures readings from multiple Bluetooth transducers are transmitted to the device.

Apps Features:

- Easy pair/ unpair with sensors
- Simultaneous recording of multiple pressure sensors
- Measurement results organized in table
- Sensor reading plot
- Remote zeroing sensor readings in the App
- Sensor status page to view sensor battery and signal strength at one glance
- Excel CSV export via email

