



motionics BluePSI Bluetooth Pressure Sensor User Guide

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Important Notes

- Don't Install Battery when not in operation.
- Sensitive diaphragm inside. Do NOT stick anything into the pressure port

Description

1. Battery Cap– twist cap on top to open and install coin battery
2. Pressure Port– connects to measurement port
3. Device Label– lists device ID and pressure range

Electronic components and transmitter are contained within this top section.



Do NOT twist the upper section of the unit.

Use this portion to twist the unit when installing or uninstalling.



Included in the box

- Bluetooth Pressure Sensor (BluePSI) 1X

- User Guide 1X
- Coin Battery 1X
- Battery Spacer (for CR2032) 1X

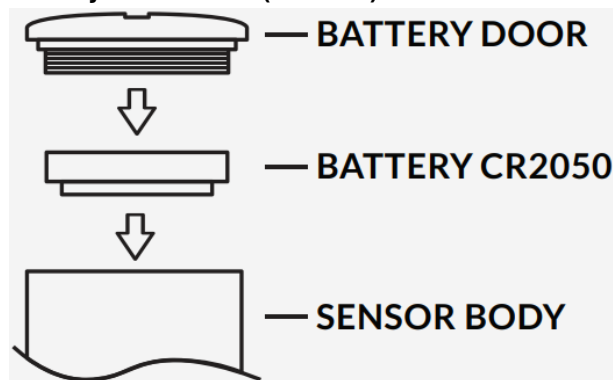
Compatible Software

- iOS: MultiGage Reader
- Android: MultiGage Reader
- Windows: MultiGage Reader (BLE Dongle Required)
- The iOS app can be directly downloaded from the App Store for FREE.
- The Android app can be directly downloaded from the Google Play Store for FREE.
- Windows software is available on the Motionics website.

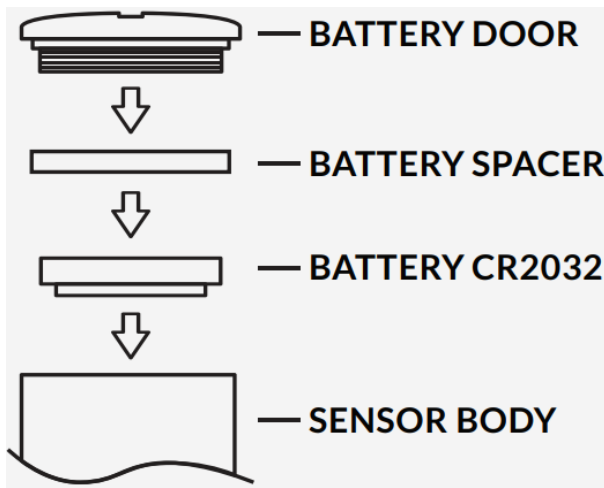
Quick Start

- For first time use, follow instructions to install the battery.
- Plug in USB Bluetooth dongle if using Windows PC.
- Run one of the aforementioned Apps/software.
- In the main page, tap Scan/+ button to bring up a new pairing page.
- Wait for the software to finish scanning nearby devices, select BluePSIXXX to connect. Device ID can be found on the BluePSI label.
- It might take multiple refreshes to find the device.
- Connection may take a few seconds. Once paired, instrument reading shows in the software.

Battery Installation (CR2050)



Battery Installation (CR2032)




Specification

- **Measurement Range:** Located on sensor label
- **Accuracy:** $\pm 0.25\%FS$
- **Proof Pressure:** 2X measurement range
- **Burst Pressure:** 5X measurement range
- Bluetooth Low Energy 5.0 Wireless Connection
- **Temperature Reading Accuracy:** $\pm 5.4^{\circ}F$ / $\pm 3^{\circ}C$
- **Wireless Data Transmission Range:** up to 100ft /30m
- **Weather Proof:** IP67
- **Temperature Range:** -4 to $185^{\circ}F$ / -20 to $85^{\circ}C$
- **Battery:** CR2050/CR2032
- **Pressure Port:** $\frac{1}{4}$ -18 NPT

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Documents / Resources

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|---|--|
|  | motionics BluePSI Bluetooth Pressure Sensor [pdf] User Guide BluePSI, BluePSI Bluetooth Pressure Sensor, Bluetooth Pressure Sensor, Pressure Sensor, Sensor |
|---|--|

References

-  [Motionics LLC – Smart Tools for Monitoring and Diagnostics of Machinery](#)

Manuals+.