

# PileSense™

## Wireless Static Pile Load Test Kit



PileSense™ by Motionics is a fully wireless, modular, and customizable solution for performing static pile load tests with more precision and accuracy. The kit includes Bluetooth sensors that connect to our software, enabling real-time wireless monitoring and recording of pile load tests.

Configure your setup by choosing from a selection of wireless gauges and devices, including BlueDial Bluetooth dial indicators, BluePSI pressure sensors, and Bluetooth load gauges. All PileSense™ sensors sync seamlessly with our easy-to-use Pile Load Test app for iPad or MultiGage mobile and PC software, delivering synchronized real-time data updates for more accurate analysis.

The PileSense™ system supports multiple dial indicators (up to 6 on the PileSense iPad app, and even more on MultiGage Windows), making it scalable for anything from small-scale testing to large, multi-point

## PileSense

### WIRELESS STATIC PILE LOAD TEST KIT



PileSense™ Kits	Specification
Measurement Range - Distance	BlueDial: Up to 4" (101.6mm) BluePot: Up to 50" (1270mm)
Measurement Range - Pressure	Up to 15000psi
Measurement Range - Load	Compression: Up to 1000t (2200000lb) Tension: Up to 500t (1100000lb)
Connectivity	Bluetooth Low Energy
Wireless Data Transmission Range	Up to 100ft (30m), longer range available
Wireless Data Transmission Rate	Configurable up to 10Hz
Software Compatibility	Windows PC, iOS, Android

PileSense™ Kits can be customized for longer range connections. Contact us for more information.



Rechargeable



Both deflection & load measurement



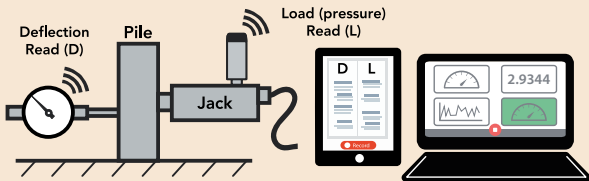
Multiple load measurement options



Multi-platform software capability



Data saving

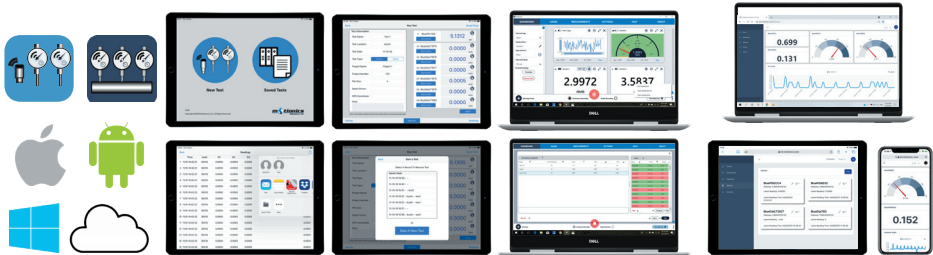


#### Included in the Kit:

- BlueDials: Bluetooth Dial Indicators
- BluePSI: Bluetooth Pressure Sensor
- Protective PileSense™ Carrying Case
- PileSense iPad App
- iPad with Protective Case (Optional)

#### App Features:

- Easy pairing/unpairing with sensors
- Simultaneous recording of BlueDials and pressure sensor
- Measurement results organized in table
- Remote zeroing of BlueDial readings in the app
- Automatic calculation of average deflection
- Option to enter jack calibration equation for automatic pressure-load conversion
- Excel CSV export via email
- Local saving on iPad for future access and export



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The software & hardware can be customized.  
Contact Motionics for details.

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