

Wireless Pile Load Test Kit

Wireless Pile Load Test Kit measures pile deflection under different load conditions with multiple (up to 6) Bluetooth dial indicators, load Dials, and either a Bluetooth pressure sensor, BluePSI, or a Bluetooth force gauge, BlueForce, on iPad.

The BlueDials measure pile movements during load application, and the BluePSI/BlueForce monitors load change. With a variety of sensors and models, you can measure hydraulic pressure, tension, or compression when measuring load change.

The app runs on iPad and pairs with the gages. Readings from all wireless gages are synced, updated and logged in the app.

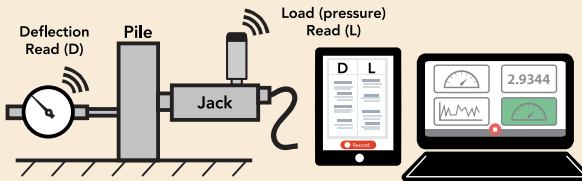
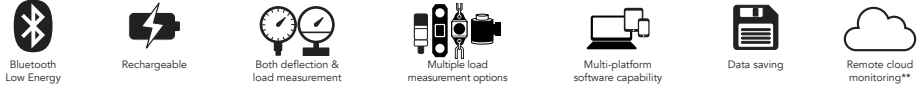


BluePSI	Specification
Measurement Range	5K, 15Kpsi (more options available)
Accuracy	0.25% of full scale
Data Transmission Interval	5s (adjustable)
Transmission Range	Up to 20 m
Working Temperature	-20 - 85°C
Battery Life	2 yrs at 5s interval w/CR2050
Pressure Port	¼-18 NPT (more options available)

BluePSI	Specification
Capacity	Depends on model
Resolution	Depends on model
Accuracy	0.2% of full scale (WLG-D1) (0.1% for WLG-C1, T1)
Wireless Data Rate	10 Hz
Transmission Range	100m/328ft
Working Temperature	-10°C - 50°C
IP Rating	IP67
Battery	4x AA, 500hrs

BlueDial	Specification
Measurement Range	2 in/50 mm (more options available)
Resolution	0.0005 in/0.01 mm
Accuracy	0.001 in
Wireless Data Rate	10 Hz
Transmission Range	20 m (indoors)/30 m (outdoors)
Working Temperature	0-50°C
Bluetooth Battery Life	50 hrs (rechargeable)

NOTE: Wireless Pile Load Test Kit can be customized with different pressure or BlueDial gages. Please contact us for details.

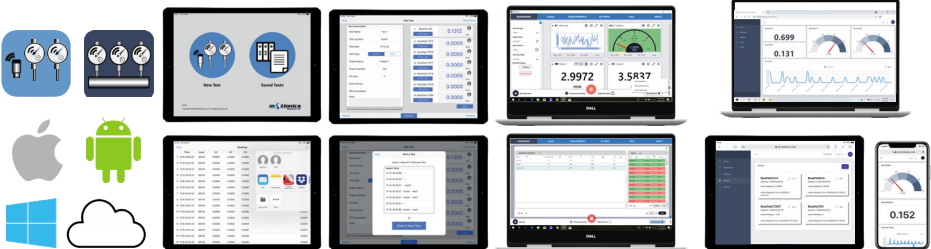


Included in the Package:

- BlueDial(s): Bluetooth Dial Indicator(s)
- Bluetooth Pressure Sensor 1X
- Protective carrying case 1X
- Wireless Pile Load Test app for iPad
- iPad with rugged 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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