

Wireless Benkelman Deflection Test Kit

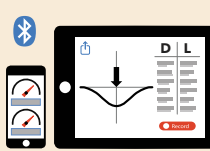
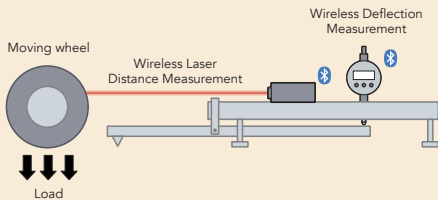


The Wireless Benkelman Test Kit is a novel tool for Benkelman beam deflection testing. It consists of a Bluetooth dial indicator, BlueDial, to measure deflection of flexible pavements under the action of moving wheel loads, and a Bluetooth laser measurer to measure distance between the Benkelman beam and the moving truck. The app/software on iOS/Android smart devices or Windows PC pairs with both Bluetooth measurement devices simultaneously to sync and record their readings.



BlueDial	Specification
Measurement Range	0.5 in/12.7 mm, 1 in/25.4 mm, 2 in/50 mm
Resolution	0.0005 in/0.01 mm, 0.00005 in/0.001 mm
Accuracy	±0.001 in, ±0.0002 in
Wireless Data Rate	8 Hz
Transmission Range	30 m
Working Temperature	0-50 °C
Battery	400 mAh rechargeable, 50 hr battery life

Laser Measure	Specification
Measurement Range	6 in - 165 ft/0.15 - 50 m
Resolution	± 1/32 in/0.5 mm
Accuracy	± 1/16 in/1.5 mm
Wireless Data Rate	2 Hz
Transmission Range	20 m
Working Temperature	-10-45 °C
Battery	2x AAA



- Included in the package:
- BlueDial(s): Bluetooth Dial Indicator (default 1x, can add more)
 - Bluetooth Laser Measure 1x
 - Protective Carrying Case 1x



More Features with our FREE Apps/Software*

- Simultaneous reading of multiple devices
- Data plotting on iPhone/iPad/Android
- Continuous or single data point recording
- Max, Min, TIR measurement
- Remote zeroing from the app
- GO/NG judgment with green/red color indication
- Real-time cloud data streaming worldwide
- Custom formula calculator
- Large analog probe meter with adjustable range
- Data saving in local database
- Data export in CSV via email and cloud drives
- Keyboard entry to Excel or SPC software on PC
- Apple Watch support



*Availability of features varies between apps/platforms.

Motionics, LLC
8500 Shoal Creek Blvd.
Austin, TX 78757
www.motionics.com info@motionics.com

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

© 2021 Motionics, LLC. All rights reserved.

Scan to see product page

