

WiMER 3

Wireless Measurement Read Series 3



WiMER3 is the transmitter developed for Mitutoyo Linear Gage with 90° phase difference, differential square wave output. WiMER3 directly powers a connected linear gage and completes data collection and wireless transmission via Bluetooth Low Energy, helping users get rid of expensive and bulky signal conditioners.

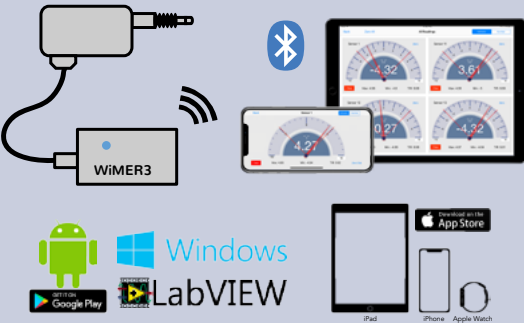


Features

- Bluetooth transmitter compatible with various Mitutoyo linear gage
- Multiple platform support (iOS, Android, PC and LabVIEW)
- Power supply, signal conditioning and data transmission for linear gage
- Rechargeable battery

Compatible with Mitutoyo Linear Gage Models:

- 542-156, 161, 162, 171, 181, 204, 222, 230, 244, 262, 270, 401, 421, 612, and more



WiMER3	Specification
Measurement Range	0.39 in/10 mm (depending on linear gage)
Resolution	0.000005 in/0.0001 mm (depending on instrument)
Accuracy	0.0005 in (depending on instrument)
Wireless Data Rate	30 Hz
Transmission Range	20 m (indoors)/30 m (outdoors)
Dimensions	4.09 x 2.20 x 0.91 in
Working Temperature	0 - 50 °C
Rechargeable Battery	3200 mAh
Battery Life	30 hrs
Charging	5 VDC USB

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.

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

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