WiMER 6
Wireless Measurement Read Series 6

motionics
Motionics, LLC

WiMER6 is a signal conditioner and transmitter for AC linear variable differential transducers (LVDTs). It contains a low-distortion sine wave oscillator to generate steady excitation signals to drive the LVDT primary. LVDT secondary outputs are converted to a stable DC voltage onboard and sampled by a 16-bit ADC. The Bluetooth Low Energy module in WiMER6 then transmits readings wirelessly to iOS/Android smart devices and Windows PC.
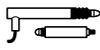
Features

- Compatible with a broad range of AC LVDTs
- Bluetooth Low Energy transmitter
- Multiple platform support (iOS, Android, and PC)
- LVDT excitation, signal conditioning and data transmission all in one
- Powered by internal rechargeable battery; no external power supply needed

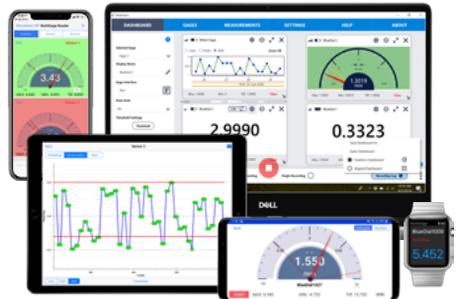|						
Bluetooth Low Energy	Rechargeable	Compatible with any AC LVDT	Multi-platform software capability	Multi-gage capability	Continuous recording and plotting	Data saving

WiMER6	Specification
Measurement Range	depends on LVDT
Resolution	depends on LVDT
Accuracy	depends on LVDT
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	15 hrs
Charging	5 VDC USB

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Windows

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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.

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

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