WiMER1
Wireless Measurement Read Series 1
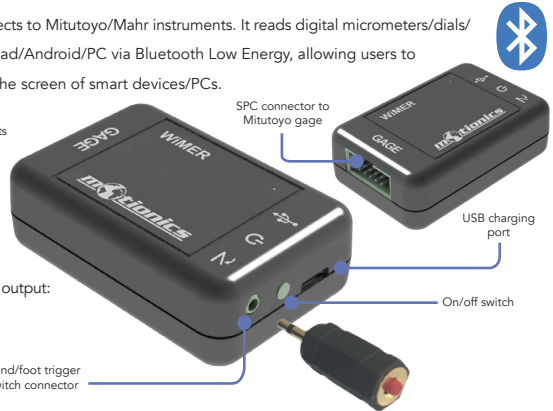

motionics
Motionics, LLC

WiMER1 is a wireless measurement device that connects to Mitutoyo/Mahr instruments. It reads digital micrometers/dials/calipers and communicates wirelessly with iPhone/iPad/Android/PC via Bluetooth Low Energy, allowing users to view and record measurement readings directly on the screen of smart devices/PCs.

Features

- Bluetooth transmitter compatible with various Mitutoyo instruments
- Multiple platform support (iOS, Android, PC and LabVIEW)
- Continuous and single modes data recording
- Rechargeable battery
- Comes with a small data trigger hand switch
- Data trigger 2.5 mm standard port to connect to foot switch

SPC connector to Mitutoyo gage

USB charging port

On/off switch

Hand/foot trigger switch connector

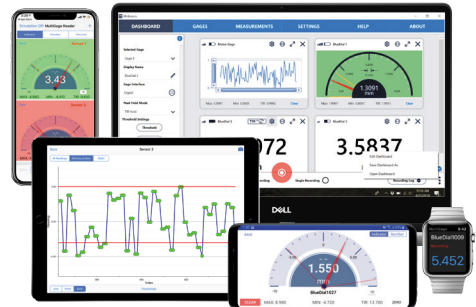## Compatible with Mitutoyo/Mahr instruments with SPC output:

- Dial indicator 543 series
- Caliper 500, 551, 552, 573
- Micrometer 227, 293, 314, 317, 323, and more
- More Mitutoyo instruments with digimatic output
- More Mahr instruments with digimatic output

| Bluetooth Low Energy | Rechargeable | Various instrument compatibility | Multi-platform software capability | Multi-gage capability | Continuous recording and plotting | Data saving |

Mitutoyo Gages

WiMER1	Specification
Measurement Range	0.5 in/12.7 mm (depending on instrument)
Resolution	0.0005 in/0.01 mm (depending on instrument)
Accuracy	0.0008 in (depending on instrument)
Wireless Data Rate	10 Hz
Transmission Range	20 m (indoors)/30 m (outdoors)
Dimensions	2.50 x 1.63 x 0.80 in
Working Temperature	0 - 50 °C
Rechargeable Battery	400 mAh
Battery Life	60 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.

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

Scan to see product page