

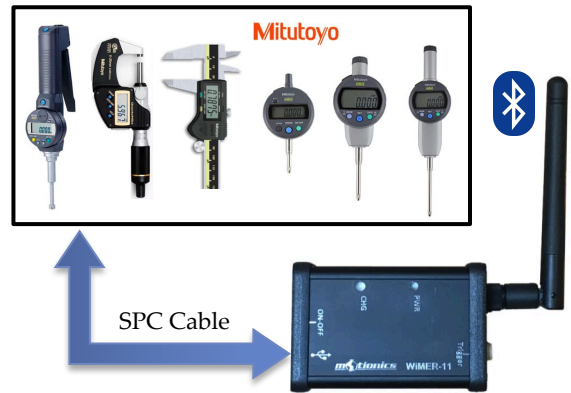
Wireless Measurement Read Series 1+ (WiMER1+) (long range model)



WiMER1+ is the long range variant of the original WiMER1. It reads digital micrometer/dial/caliper readings and communicates wirelessly with iPhone/iPad/Android/PC via Bluetooth Low Energy. Data transmission range is boosted to 50m for WiMER1+.

Key Features

- Dimension: 60 x 45 x 25 mm
- Resolution: 0.001 mm (depending on the instrument)
- Range: 12.7 mm (depending on the instrument)
- Sampling Frequency: 10 Hz
- Wireless Working Range: 50 m (line of sight open field)
- Working Temperature: 0-50 °C
- Battery: 850 mAh rechargeable
- Charging: 5 VDC USB and 110 VAC

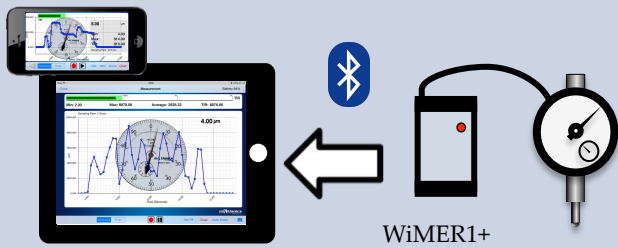


Applications

- Crankshaft Deflection Test
- Rotor Runout Test
- Bore Measurement
- Surface Profile Test

Compatible with Mitutoyo instruments with SPC output:

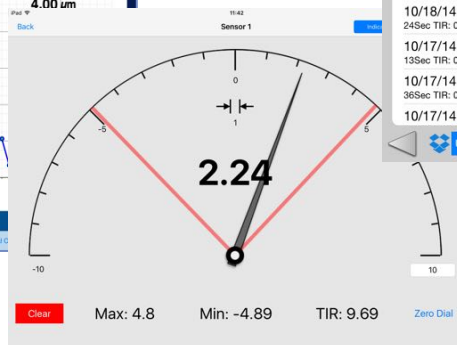
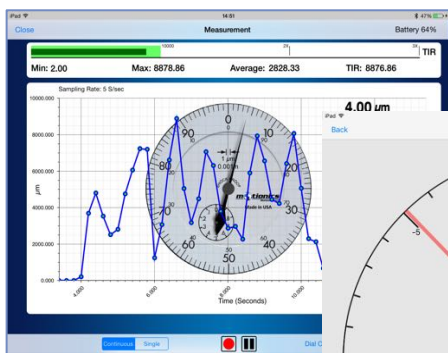
- Dial indicator 543
- Caliper 500, 551, 552, 573
- Micrometer 227, 293, 314, 317, 323...
- More



Apps Features:

- Free engineering Apps/Software
- Multiple devices simultaneous reading
- Display acquired data in real-time graph
- Continuous or Single Measurement recordings
- Analog rotating dial indicator on screen
- Probe meter with adjustable range
- Pinch, Pan, Max, Min, Average

- TIR (total indicator reading) & threshold/indicator
- Multiple sampling rate options
- Off-line post processing plot and polar plot
- Record data, CSV and SQLite database
- Export via email and Dropbox synchronization
- Quick custom PDF report with results, graphs, image, logo, signature, map and GPS location



List of Measurements	Recordings
10/20/14 10:16 Imbal... 17Sec TIR: 607.000	3.000 μm 0.100 Seconds
10/20/14 10:15 Imbal... 6Samples TIR: 669.000	3.000 μm 0.200 Seconds
10/18/14 11:18 24Sec TIR: 0.060	3.000 μm 0.300 Seconds
10/17/14 11:04 13Sec TIR: 0.060	3.000 μm 0.400 Seconds
10/17/14 11:00 36Sec TIR: 0.060	3.000 μm 0.500 Seconds
10/17/14 09:33	3.000 μm

