

Wireless Measurement Read (WiMER)



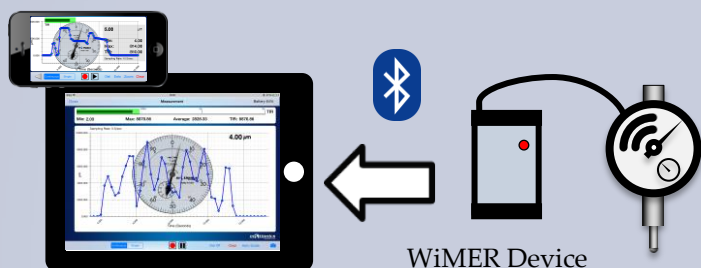
WiMER is a wireless measurement device connecting to digital instruments. It reads digital micrometer/dial/caliper readings and communicates wirelessly with iPhone/iPad via Bluetooth Low Energy, allowing user to view real-time plot directly on the screen of iPhone/iPad.

Key Features

- Dimension: 60 x 45 x 25 mm
- Resolution: 0.001 mm (reading from the instrument)
- Range: 12.7 mm (limitation of the instrument)
- Rotating angle resolution: 1°
- Sampling Frequency: 1-10 Hz
- Wireless Working Range: up to 20 m
- Working Temperature: 0-50 °C
- Battery: 850 mAh rechargeable
- Charging: 5 VDC USB and 110VAC
- Built in rotation sensor auto detecting 360° rotation



DialRead, DialReadPad & DialReadRotary Apps available in App Store



Applications

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

Compatible with digital instruments with SPC output from

- Mitutoyo
- Fowler
- Starrett

Apps Features:

- Display acquired data in real-time graph
- Continuous or Single Measurement recordings
- Built-in Rotating Angle Measure (1° resolution)
- Auto detect and Auto stop after 360° rotation
- Analog rotating dial indicator on screen
- Pinch, Pan, Max, Min, Average
- TIR (total indicator reading) & threshold/indicator
- Multiple sampling rate options

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- Customizable reading decimal accuracy
- Off-line post processing plot and polar plot
- Record data, CSV and SQLite database
- Export via email and Dropbox synchronization
- QR Reader for Machine ID
- Quick custom PDF report with results, graphs, image, logo, signature, map and GPS location