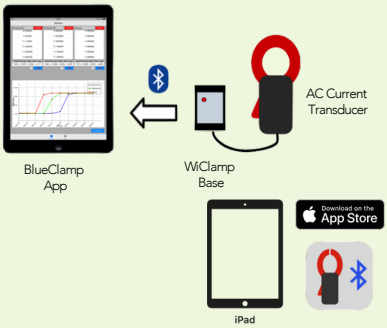
# Wireless Current Measurement Kit

Motionics, LLC

Wireless current measurement kit consists of an AC current transducer and the WiClamp base. It is able to measure the TRUE RMS value of current in a cable and transmit measurement results wirelessly via Bluetooth Low Energy.

Our free iPad App BlueClamp can simultaneously receive and display data from multiple WiClamp bases, turning the iPad into a multi-line current monitoring device.

This kit also includes a USB charging cable and a 110 VAC USB adapter.




| Current Measurement Kit | Specification |
|---|---|
| Measurement Range | 1-115 A RMS (10 mV/A), 1-400 A RMS (1 mV/A) |
| Resolution | 0.3A (10 mV/A), 3A (1 mV/A) |
| Transmission Range | Up to 10 m |
| WiClamp Base Dimension | 2.36 x 1.42 x 0.59 in |
| Transducer Dimension | 2.52 x 5.63 x 1.18 in |
| Working Voltage | 600 V CAT II |
| Operating Temperature | 0 - 50 °C |
| Battery | 350 mAh |
| Charging | 5 VDC USB |

**BlueClamp App Features (iPad):**

- Available now on the App Store for free
- Multiple clamp connectivity up to 3 devices (can be upgraded to 10 devices on request)
- Real time readings in both tables and plots
- Max, Min, Average
- Individual clamp adding/removing during measurement
- Individual plot control of each clamp
- Individual clamp calibration and preference setting
- Simulation mode for demonstration
- Multiple sampling frequency: 2, 30, 60 seconds/sample
- Pause/Resume during measurement
- Data export in CSV file
- Custom PDF report generation
- Add company logo and machine image in report
- Auto populate test date and test results in report
- User signature and custom note
- Facility location/map in report
- PDF report wireless printing and email export

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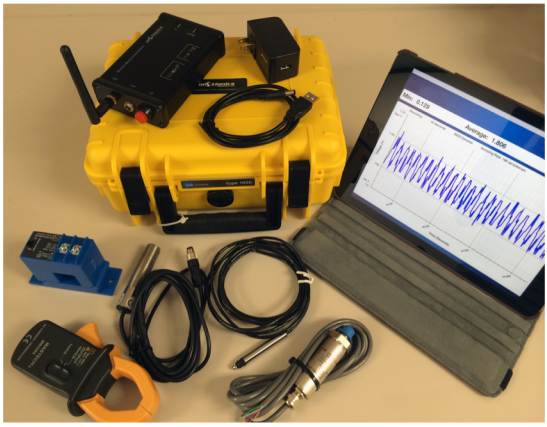
The software & hardware can be customized.
Contact Motionics for details.

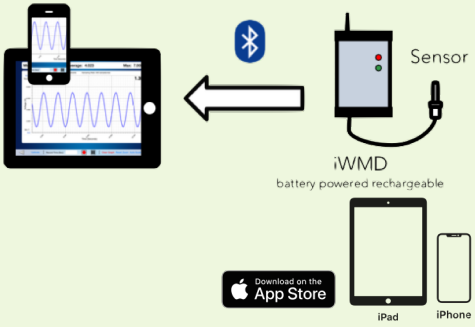
# iWMD
## Wireless Measurement Device

iWMD is a series of wireless measurement devices with high resolution. It allows user to measure various sensor readings and communicate wirelessly with smart devices such as iPad via Bluetooth Low Energy.

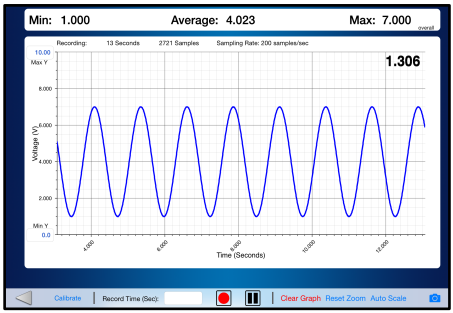
**Applications:**

- Remote Monitoring
- Power, Current & Voltage Monitoring
- Pressure Measurement
- Temperature Sensing (RTE, Thermocouple, Infrared)
- Crankshaft Deflection Detection
- Rotor Runout Assessment
- Wireless Metrology
- Flow measurement
- Oil characteristics sensing






| iWMD | Specification |
|---|---|
| Resolution | 10, 5, 1, 0.2, 0.1 mV |
| Wireless Data Rate | 1-1000 HZ |
| Transmission Range | Up to 10 m |
| Input Range | 0 - 10, 0 - 5, 0 - 1.1 VDC |
| Dimension | 5.04 x 3.07 x 1.06 in |
| Sensor Supply Voltage | 5-20 VDC |
| Antenna Extension | Magnetic Base |
| Working Temperature | 0 - 50 °C |
| Battery | 2500 mAh |
| Charging | 5 VDC USB and 110 VAC |




### Featuring the App

- Multiple wireless sensor connectivity
- Display acquired data in real-time graph
- Record data, CSV and SQLite export
- Quick custom PDF report with image, signature, map and GPS location
- Export via email, cloud and USB cable
- Zoom, pan, max, min, and average

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