

Wireless Thermocouple Transmitter WiMER12

WiMER12 is a wireless transmitter for thermocouples. It can connect to different types of thermocouples and can be customized for your application to read any type of thermocouple wirelessly via Bluetooth Low Energy through our cross-platform MultiGage software. WiMER12 is rechargeable via USB, and the thermocouple connector and cable can be customized upon request.

Designed with versatility in mind, WiMER12 features onboard offline data logging, enabling the recording of temperature readings directly to the device's memory even when no receiving device is nearby. This ensures continuous data collection and reliability in any situation. This feature is optional and can be added if needed.

WiMER works with MultiGage software for data reading and data logging. MultiGage is an advanced cross-platform software for iOS, Android and Windows.



MultiGage for iOS and Android

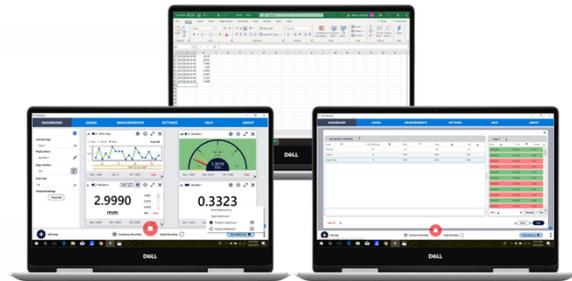
MultiGage Reader is a user-friendly, wireless reading collection tool that makes displacement measurement simple.

MultiGage Reader connects to up to 14 BlueDial or WiMER devices and receives readings from all of them concurrently via Bluetooth Low Energy. It is a convenient tool for simultaneous measurement at multiple locations.



MultiGage Reader makes it easy to wirelessly collect readings from multiple Motionics wireless measurement devices simultaneously on a Windows PC. It is also able to simulate keyboard input, allowing data to be directly loaded into any software product that accepts keyboard entry such as Excel, text and most SPC software.

MultiGage Reader supports continuous recording of an incoming data stream and single capture recording with button tapping. Recorded data can be plotted in a graph, stored in a local database, and exported in a CSV file.



Specifications

Wireless Communication	Bluetooth Low Energy
Temperature Measurement Range	Varies Based on the Thermocouple Type
Wireless Transmission Range	100ft (30m)
Power	Li-Po Rechargeable via USB Input
Battery Life	30 Hours
Data Logging via On-Board Memory	Optional
Compatible Software	MultiGage for iOS, Android and Windows
Thermocouple Included	No*
Input Type	Works with any K, J, T, N, S, E, B and R type Thermocouple K Type: -200°C to +1372°C J Type: -150°C to +1200°C T Type: -200°C to +400°C N Type: -150°C to +1300°C E Type: -200°C to +1000°C S Type: +250°C to +1664°C B Type: +1000°C to +1800°C R Type: +250°C to +1664°C Resolution of ±0.0625 °C

* WiMER12 comes with a thermocouple connector and cable. The cable length and the connector can be customized.

For more information and to order please contact sales@motionics.com