



**EI WISER<sub>3X</sub>**

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TRIAxIAL ACCELEROMETER

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**WiSER 3X** is the only 3-axis Wireless Accelerometer in the industry capable of on and off-route vibration analysis and dynamic balancing. WiSER 3X is compatible with DigivibeMX Windows software, as well as WiSER Balance & WiSER Vibe iOS apps.

**WiSER 3X** connects directly to your device via WiFi giving you full freedom and mobility to collect vibration data for advanced analysis as well as single & two-plane balancing

**WiSER 3X** is adaptable to most 3rd party vibration and balancing data collectors via the WiSER Universal Receiver (WUR3x). Pair your WiSER 3X direct to WUR3x and get 4 Channel output through BNC industrial connectors.

# Main Characteristics



Triaxial **Wireless Accelerometer**  
Direct **WIFI** connectivity to your device



**IP67** Protection



Direct **WIFI** connectivity to your device  
**Automatic** shut off (standby mode)



## iOS apps for iPad & iPhone

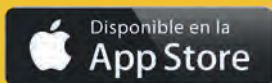
Anywhere, Anytime... Share Your Data

You have the freedom to manage your data. Feel free to share your measurements through the cloud [EIAntalytic.com](http://EIAntalytic.com) or by email, granting a deeper experience analysis with DigivibeMX.

**Get your free:**



**WiSER VIBE**



**WiSER BALANCE**

\*Average values with standard conditions

MEASUREMENT	
Built-in Sensor	Ultra-low Noise Analog MEMS Sensor
Sensitivity (X, Y, Z)	100 mV/g
Frequency Range (+/-3dB)	0.5 to 10 kHz
Dynamic Range	20 G
Resonant Frequency	>25 kHz
Sample Rate	48,000 Hz
ADC	24 bits
Spectral Noise (10 Hz)	67 $\mu\text{g}/\sqrt{\text{Hz}}$
CONNECTIVITY AND SOFTWARE	
Wireless Protocol	Wi-Fi 802.11 (No receiver needed)
Device Compatibility	iOS devices, Wireless Universal Receiver 3x, Tablets, Laptops
Software Compatibility	DigivibeMX, WiSER Vibe, WiSER Balance
Operational Distance	15m Line sight
POWER SUPPLY	
Main Power	2x Rechargeable Li-ion battery CR123 / 3.7V / 800mAh
Battery Life Time	6 hrs. continuous usage Standby mode after 30 seconds no receiver detected
AC Adapter	Input 100-240VAC / 50-60 Hz Output 5VDC / 1A
Connect built-in	5 Pin LEMO connector Charger Port/ Optical Sensor / 4th Accelerometer
DIAMENSIONS AND FIXTURE	
Dimensions (d x h)	99 x 48.9 mm with base / 82 x 48.9mm without base
Resistance to Shock	5000 g.
Weight	425 gr. with Magnetic Base / 250 gr. without Magnetic Base
Case	Water and dust resistant IP67.
Housing Material	Stainless Steel
Fixture	Fastener 1/4-28 UNF
ENVIRONMENTAL CONDITIONS	
Operation Temperature	-20 to + 60 °C (-20° to 140°F)
Storage Temperature	-20 to + 85 °C (-20° to 185°F)

**WiSER 3X****Wireless Universal Receiver****Data Collector**

**WiSER 3X** can easily and reliably connect to most 3rd party vibration and balancing instruments using the optional WiSER Universal Receiver.

Use WiSER 3x on your own system. Our Wireless Accelerometer Universal Receiver is specially designed to connect to any vibration analysis equipment in the market. Clearly, making it the # 1 choice for wireless conversion of your system.

No Wires...  
**No Worries...**  
Truly Wireless  
**is here!**



## **KIT INCLUDES**

- WiSER 3X Sensor
- Magnetic Base
- Pelican Case
- Charger (Batteries included)

# **ERBESSD INSTRUMENTS®**

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