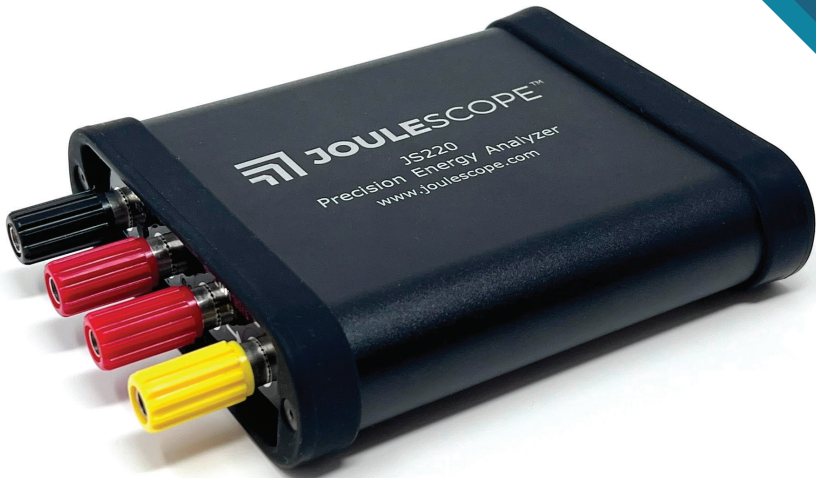


 **JOULESCOPE**



**Thank you!**

[www.joulescope.com](http://www.joulescope.com)

# JOULESCOPE JS220 QUICK START GUIDE



## 1. SOFTWARE

Download and install the software at [www.joulescope.com/download](http://www.joulescope.com/download)  
Launch the Joulescope software.



## 2. SAFETY

The voltage between any current and voltage sensor port must never exceed  $\pm 15V$ . The sensor ports are electrically isolated from USB. The voltage between any sensor port and USB ground must never exceed  $\pm 48V$ . The trigger and GPI/O ports are referenced to USB ground.

## 3. CONNECT

Connect the JS220's USB port to your computer using the included cable. Use an adapter or USB C cable (not included) if your computer only has USB Type C. Connect the current port between the power supply and the device under test. Connect the voltage port to the power supply. See the User's Guide for more connection examples.



## 4. MEASURE

The Joulescope software starts in the Multimeter View measuring current, voltage, power, charge, and energy. Select View → Oscilloscope to explore changes over time. Use the scroll wheel to zoom the time x-axis. Pause and then click and drag to pan.



## 5. SUPPORT

Visit [www.joulescope.com/support](http://www.joulescope.com/support) for the full User's Guide, help, forum, articles, and feedback.  
Or you can email us at [support@joulescope.com](mailto:support@joulescope.com)

For regulatory and compliance information, see [www.joulescope.com/compliance/js220](http://www.joulescope.com/compliance/js220)