

I, V and R Probes

Measure currents, voltages, and resistances.

The **I, V, and R Probes** are highly adaptable, plug and play modules to measure current, voltage, and resistance, respectively. Each probe hosts a banana socket which can accept several kinds of connectors to interface with other equipment and circuits.

Typical Applications

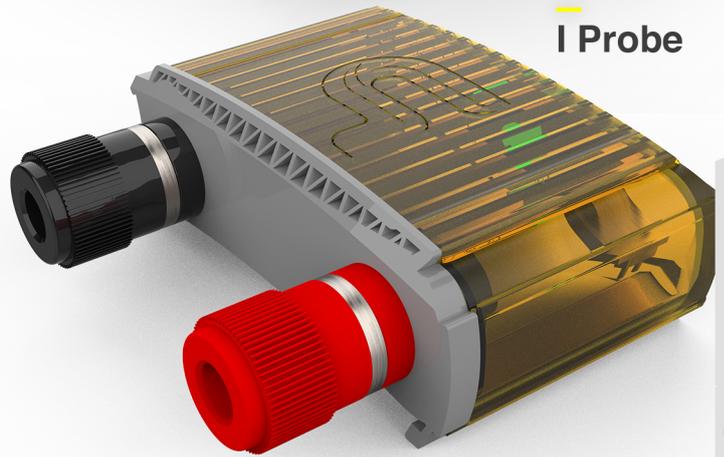
- Explore Ohm's law
- RC circuit calculations
- Model the response of a thermistor
- Investigate Maxwell's equation
- Monitor electrochemical reactions
- Measure the conversion of sunlight to electricity in your solar cells

Features

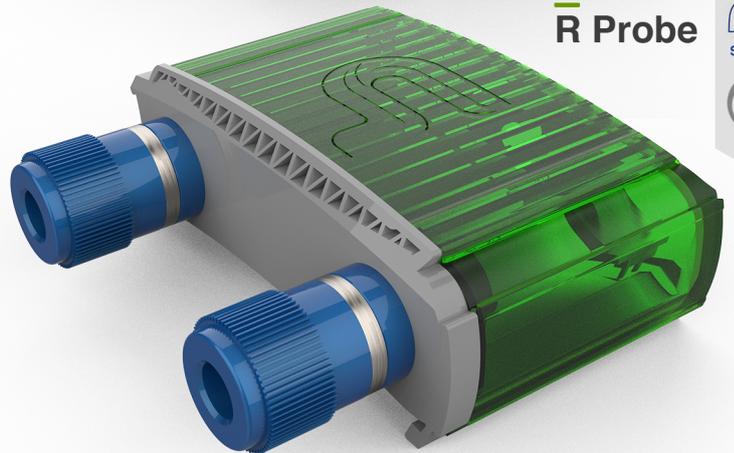
- Intuitive and wizard guided configuration
- Hot pluggable
- PhysInstruments class: Analog



V Probe



I Probe



R Probe

I Probe (QS-M-9)

Ranges: ± 10 A, ± 1 A, ± 10 mA

Resolution: 0.05% of full scale range

Measurement method:
In-circuit series connection

V Probe (QS-M-6)

The voltage resolutions and ranges are determined by PhysLogger.

Optical isolation: None

R Probe (QS-M-8)

Available Ranges: 10 k Ω , 100 k Ω , 1 M Ω

Resolution: 0.1% of full scale range

Uncertainty: $\pm 5\%$

Measure method:
Potential divider