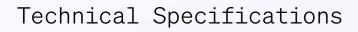
# amulet

# Meet the world's smallest handheld & battery-powered potentiostat.

This pocket-sized and wireless instrument features a small display, internal memory, and Bluetooth connectivity, making it an optimal choice for on-site detection. Its unique, compact design unlocks new opportunities in the development of affordable diagnostics, sensors, and wearable devices.



# ELECTROCHEMICAL METHODS

- + Differential Pulse Voltammetry
- + Square Wave Voltammetry
- + Chronoamperometry

It's also possible to include programming for more than one method. The method and suitable parameters can be optimized for a specific analysis.

# APPLIED POTENTIAL

-1 V to +1 V (resolution 3 mV)

#### **COMPLIANCE VOLTAGE**

# -1 V to +1 V

Applied potential and compliance voltage range can be further modified depending on the final requirements. Please contact us for more information.

#### **CURRENT RANGES**

- + **ΜΑΧΙΜUM** + 1000 μA
- + **ΜΙΝΙΜUM** 1000 μA (resolution: 500 pA)

It can be factory set between +/-1  $\mu$ A and +/- 1000  $\mu$ A.

#### DIMENSIONS

50 mm x 16 mm x 9 mm

**weiGHT** 11 g

**POWER SUPPLY** Internal LiPo battery Weighs ~0.6 g with 30 mAh capacity

**COMMUNICATION** Bluetooth

#### CONFIGURABLE

Data processing algorithms can be loaded onto the device.



# ADDITIONAL FEATURES

Display

Compatible with iOS and Android

