



## **IMP-2A & IMP-2AMC (18 channel)** Metal electrode impedance testers



- 4 RANGES - ACCURATE FROM 100 OHM TO 5 MEGOHMS
- STANDARD 1 KHZ SIGN WAVE TESTING FREQUENCY
- SAFE TO USE IN PREP NANOAMP TEST CURRENT
- PORTABLE
- SINGLE CHANNEL (IMP-2A) 18-CHANNEL (IMP-2AMC)

### **Description:**

The models IMP-2A & IMP-2AMC are 1 kHz impedance meters. They are accurate from 100 ohms to 5 megohms and display the value on an analog meter. A switch allows testing the electrodes impedance or applying an externally derived current or voltage source to be applied to the electrode (for the purpose of breaking down an oxide layer, bubble testing or lowering the tip impedance).

They're also excellent for matching the lower impedance values normally associated with electrodes used in differential EMO recordings. When differential recordings are done with electrode pairs having approximately the same impedance value, the common mode rejection factor will substantially increase, thus increasing the signal-to-noise ratio.

## ***User Controls:***

POWER (ON/OFF)  
BATTERY TEST  
TEST/EXTERNAL SIGNAL  
RANGE SELECT  
CALIBRATE BUTTON  
ELECTRODE SELECT (IMP-2AMC only)

## ***Specifications:***

Sine Wave Frequency: 1 kilohertz

Testing Current (R.M.S.):

0 - 5 MegOhms: < 10 nAmps

0 - 500 kOhms: < 100 nAmps

0 - 50 kOhms: < 1 uAmps

0 - 5 kOhms: < 10 uAmps

Impedance Range: Zero to 5 Megohms

Accuracy: Less than 10% error any measurement

Power Requirements: Two 9 Volt Lithium Batteries

Battery Life: Greater than 100 hours

Size: 9" w x 3.6" h x 6.5" d

Weight 1.5 lbs.

Other related BAK products: