



## **PMT-872A Wrist Strap & Footwear Checker with PFP-861 Plate**

**Evaluate the resistance of both wrist straps and footwear**



**Item Number**  
**PMT-872A**

A unique, highly portable, battery operated multi-function PASS/FAIL performance verifier. It confirms the operational resistance range of single and dual conductor wrist straps, heel straps and ESD controlled footwear. The PMT-872 features a large test button, audible PASS BEEP with Green PASS light, Red LOW and HIGH Fail lights and Yellow Battery Low Indicator.

Additional connections are provided for an optional AC-DC Power adapter and for testing dual conductor wrist straps. A front panel toggle switch allows testing of wrist straps and footwear at one station. A footwear test plate, snap connector and lead are provided.

### **Contents**

- ☀ PMT-872 Wrist Strap/Footwear Checker
- ☀ PFP-861 Footplate
- ☀ PFP-861LL 72 inch Green Test Lead

### **Packaging**

**Weight:** 3 lbs (1.3 kg)  
**Length:** 11.75 Inches (30 cm)  
**Width:** 9 Inches (23 cm)  
**Height:** 4 Inches (10 cm)

### **SPECIFICATIONS:**

#### **PMT-872 Wrist Strap/Footwear Checker**

##### **Test Voltage & Current:**

Nominal 9 volts and 0.006  $\mu$ A to 1.0 mA

##### **Power:**

One (1) standard 9-volt battery, PROCELL, Eveready #216 (NEDA 1604, JIS 006P, IEC 6F22); or, Optional AC/DC converter.

##### **Factory Adjusted Measurement Ranges & Accuracy**

**WRIST STRAPS:**  $8.0 \times 10^5$  Ohms to  $1.0 \times 10^7$  Ohms  $< \pm 5\%$  (Factory Default)

**FOOTWEAR:**  $8.0 \times 10^5$  Ohms to  $1.0 \times 10^8$  Ohms  $< \pm 5\%$  (Factory Default)

**WRIST STRAPS:**  $8.0 \times 10^5$  Ohms to  $3.5 \times 10^7$  Ohms  $< \pm 5\%$

**FOOTWEAR:**  $8.0 \times 10^5$  Ohms to  $3.5 \times 10^7$  Ohms  $< \pm 5\%$

##### **Toggle Range Selection:**

UP for Wrist Straps and DOWN for Footwear

##### **Push Button:**

27 mm Diameter, Metal spring loaded

##### **Light Indicators (Vertically Oriented. From Top to Bottom):**

FAIL High: Red LED

PASS: Green LED with Audible Buzzer

FAIL Low: Red LED

BATTERY LOW: Yellow LED (At  $< 8.2V$  Battery Voltage)

##### **Audible Signal:**

Fast, Individual "Beeping" Sound with Green PASS LED on.

##### **Operating Range:**

$5^{\circ}C$  to  $49^{\circ}C$  ( $40^{\circ}F$  to  $120^{\circ}F$ )

##### **Storage Temp:**

$-15^{\circ}C$  to  $60^{\circ}C$  ( $5^{\circ}F$  to  $140^{\circ}F$ )

##### **Relative Humidity:**

0% to 90%

**Continued on Next Page**





**Ground Zero Electrostatics**  
**PMT-872A Wrist Strap & Footwear Checker with**  
**PFP-861 Plate**

**Specifications:**

**Battery Life:**

40 hours typical

**Dimensions:**

115 mm x 69 mm x 26 mm

**Weight:**

6 oz.

**PFP-861 Footplate**

**Foot Plate:**

Stainless Steel 8.5 x 11 inches with 1/8 inch insulated back plate, 10mm male snap installed

**Snap Connector:**

Female 10mm snap with attached banana receptacle

**Lead Assembly:**

Green, six (6) foot stranded copper equipped with standard male banana plugs at each end



4916 26<sup>th</sup> Street West, Suite 100, Bradenton, Florida 34207

**Toll Free** 877-GND-ZERO (463-1376), **Direct Phone** 941-751-7581 **Fax** 1-941-751-7586

**Email** sales@gndzero.com

**Http://**[www.gndzero.com](http://www.gndzero.com)