



## PROSTAT<sup>®</sup> PMT-872 Wrist Strap/Footwear Checker

The PMT-872 is a unique, highly portable, battery operated multi-function PASS/FAIL performance verifier. It confirms the operational resistance range of 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 can be purchased separately.

### PMT-872 WRIST STRAP/FOOTWEAR CHECKER SPECIFICATIONS

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%  
 Battery Life: 40 hours typical  
 Dimensions: 115 mm x 69 mm x 26 mm  
 Weight: 6 oz.