



### PROSTAT® 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:

<b>WRIST STRAPS:</b>	8.0x10 <sup>5</sup> Ohms to 1.0x10 <sup>7</sup> Ohms	<±5% (Factory Default)
<b>FOOTWEAR:</b>	8.0x10 <sup>5</sup> Ohms to 1.0x10 <sup>8</sup> Ohms	<±5% (Factory Default)

<b>WRIST STRAPS:</b>	8.0x10 <sup>5</sup> Ohms to 3.5x10 <sup>7</sup> Ohms	<±5%
<b>FOOTWEAR:</b>	8.0x10 <sup>5</sup> Ohms to 3.5x10 <sup>7</sup> Ohms	<±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°C to 49°C (40°F to 120°F)
Storage Temp:	-15°C to 60°C (5°F to 140°F)
Relative Humidity:	0% to 90%
Battery Life:	40 hours typical
Dimensions:	115 mm x 69 mm x 26 mm
Weight:	6 oz.