



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 μ 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: 8.0×10^5 Ohms to 1.0×10^7 Ohms $< \pm 5\%$ (Factory Default)

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

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

FOOTWEAR: 8.0×10^5 Ohms to 3.5×10^7 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 26th 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