



Ground Zero Electrostatics PMT-872 Wrist Strap/Footwear Checker

PMT-872 Wrist Strap/Footwear Checker Evaluate the resistance of both wrist straps and footwear



Item Number
PMT-872

Packaging

Weight: 1.5 lbs (0.7 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

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.

SPECIFICATIONS:

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%

Battery Life:

40 hours typical

Dimensions:

115 mm x 69 mm x 26 mm

Weight:

6 oz.



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