

World's Smallest Full-Featured CAT III Multimeters

Do your customers want a full set of features and performance in their multimeter, but don't want a bulky multimeter that is difficult to carry around?

Meterman introduces the **NEW** PM Series of multimeters with innovative features in an ultra-compact size.

What's innovative?

First

Simplified interface.

These full function meters have simplified interfaces to help your customers get their work done quickly. Easy-to-read oversize display screens feature the largest digits available from a meter this size. Each meter has simple one-touch function selection buttons for the user. Plus the meter automatically selects the best measurement range.

Second

Two remarkable features from progressive meter design:

VolTect™ and AutoTect™

VolTect™ is a built-in AC voltage detector as found in the XP Series meters. AutoTect™ is a function selector that automatically switches the DMM between ac volts, dc volts or resistance, depending on what the meter sense at its input. Now your customer can make a measurement without changing the meter settings. (PM53 and PM55)

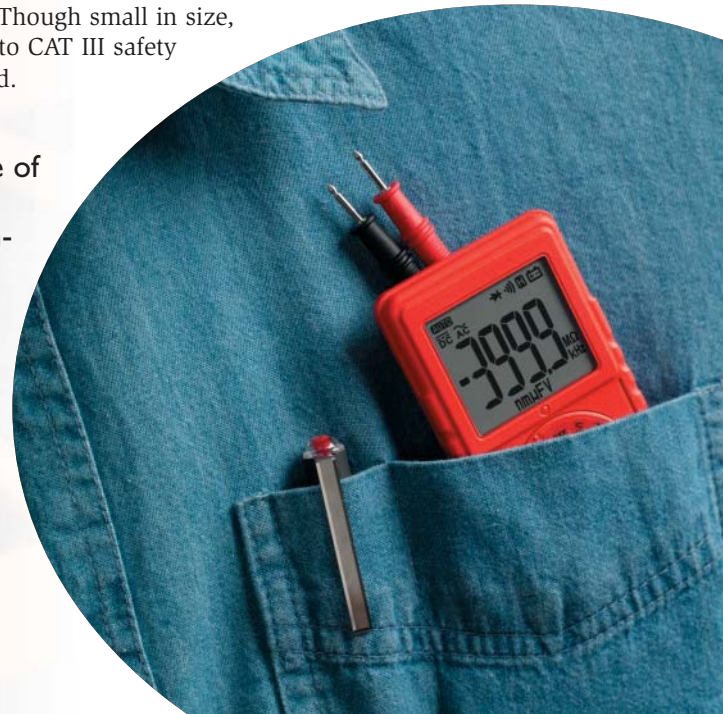
Third

The size is innovative.

The PM Series provide full functionality and mobility in a package that's slightly larger than a standard business card, only 3/8 inch thick and weighs less than 3 ounces. Though small in size, each PM meter is designed to CAT III safety standards and is UL certified.

Finally

The safety performance of the PM Series sets new standards for ultra-compact DMMs.



PM55
Automatic Precision
Pocket Multimeter

Electric Field
EF-detection
(Non-contact voltage)

Intelligent
Auto power off

Line-Voltage Hz
with 3 trigger levels (V Position)

Hi Z Voltage
DCV and ACV 6 V to 600 V, 3 ranges

Audible Continuity

Diode Test

Ohms 600 Ω range

Micro-Amps AC/DC
400.0 μ A to 2000 μ A
for flame sensors

Fully Auto-Ranging

6,000 Counts
Large easy-to-read
LCD display

5/Sec Fast
Data measurement

AutoTect™ Feature
(Automatic DCV,
ACV and ohms selection)

AutoTect™ Voltage
Lo-Z DCV and ACV
to 600 V

AutoTect™ Ohms
to 6 M Ω

Capacitance
to 2000 μ F

Frequency
to 30 kHz (Auto-V Ω position)

**Power On/Off and Secondary
Function Selection**

Reliable Rotary
Function selector

Fire-Retarded Material
Thick wall housing

**EMC Meets EN61326,
EN61000-4-2 and EN61000-4-3**

Transient Protection
Up to 4 kV 1.2/50 μ s lightning surge

**600 V Input
Protection**
On all functions

UL Listed
to UL61010B-1 CAT III
300 V and CAT II 600 V



Full Function Pocket Size Meter
Smallest CAT III full function DMM in the world!

World's Smallest Full-Featured CAT III Multimeters

Each PM Series meter has:

- AC and DC voltage measurement functions to either 600 V (PM51 & PM53) or 450 V (PM53)
- A resistance measurement function with continuity beeper
- Frequency measurement
- Capacitance measurement
- Dual safety ratings to CAT III and CAT II safety standards with transient protection to 4 kV and overload protection to 600 V (PM55 & PM51) or 450 V (PM53)
- Oversize LCD display with large digits and full icon set
- Five language manual



PM55 Automatic Precision Pocket Multimeter

For HVAC technicians, industrial electricians, electronics technicians, field service technicians, plant maintenance engineers, residential/commercial electricians, computer technicians, medical equipment service, aircraft service technicians and engineering students.

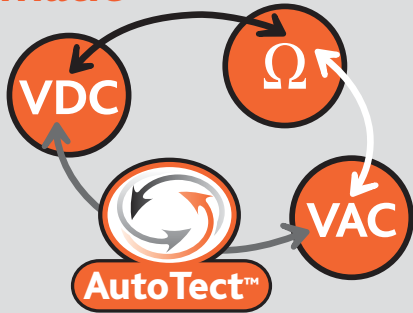
This unique meter has a full complement of features in a package only 3/8 inch thick, weighing less than 3 oz. for the utmost in shirt-pocket portability. The PM55 is fully autoranging and has an oversized, easy-to-read digital display. With an AutoTect™ feature that enables the meter to detect and display measurements of ac volts, dc volts and resistance. The PM55 offers VolTect™, a built-in non-contact ac voltage detector. Although very small, this meter is fully UL safety rated to CAT III levels and is UL listed. The Meterman PM55 precision meter includes measurement extras such as capacitance, frequency, dc microamps and safety extras such as transient protection to 4 kV and overload protection to 600 V.

- 6000-count auto-ranging, over-sized display
- Non-contact ac voltage detection, VolTect™
- Automatic mode selection between ac volts, dc volts and resistance, AutoTect™
- Measures ac and dc current to 2000 μ A
- Frequency measurements to 30 kHz
- Capacitance to 2000 μ F
- CAT II 600 V/CAT III 300 V dual rating
- Low Z voltage input eliminates ghost voltage
- High Z voltage input for sensitive control circuits
- Protective holster
- Deluxe zippered carrying case

One-year warranty



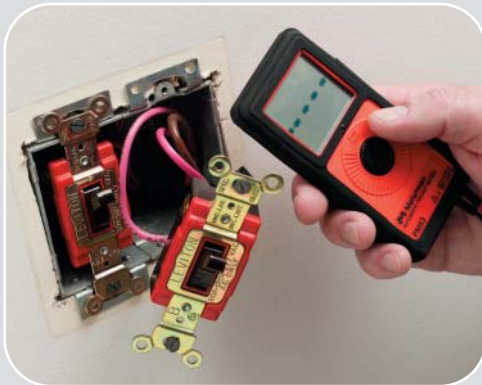
AutoTect™ function selector - it's automatic



When measuring ohms/continuity if voltage is present, AutoTect™ switches the meter to measuring ac or dc volts. Input impedance is approximately 900 ohms, helping determine whether voltage is from leakage (so-called “ghost” voltages) or a hard connection.

VolTect™ non-contact voltage detector

Innovative, non-contact voltage detector safely indicates the presence of dangerous live ac voltage. Five levels of ACV detection. Built right into the meter. (PM53 and PM55)



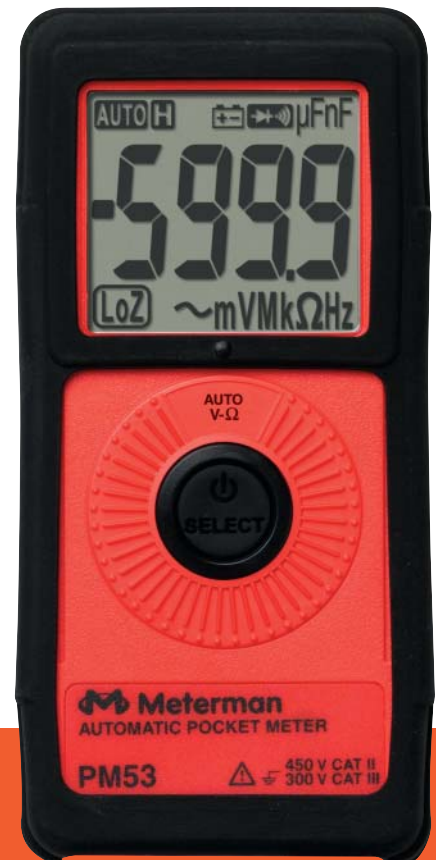
PM53 Shirt-Pocket Size Digital Multimeter

For field service technicians, residential/commercial electricians, electronic technicians, facilities and building maintenance, automotive technicians, computer technicians, engineering students and hobbyists.

This unique meter has a full complement of features in a compact package only 3/8 inch deep and weighing less than 3 oz. Right-sized for portability, Model PM53 is fully autoranging and has a large, easy-to-read digital display. It offers the AutoTect™ feature that guides the meter to display ac volts, dc volts or resistance based on what you are measuring. Also offered is VolTect™, a built-in non-contact voltage detector of ac voltages. Although very small, this meter is fully UL safety rated to CAT III levels. The Meterman PM53 includes measurement extras such as capacitance, frequency and continuity plus safety extras such as transient protection to 4 kV and overload protection to 450 V.

- 6000-count auto-ranging, over-sized display
- Non-contact ac voltage detection, VolTect™
- Automatic mode selection between ac volts, dc volts and resistance, AutoTect™
- Frequency measurements to 30 kHz
- Capacitance range to 2000 μ F
- CAT II 450 V/CAT III 300 V dual rating
- Low Z voltage input eliminates ghost voltage
- Protective holster
- Optional deluxe carrying case, VC3

One-year warranty



PM series user selection guide

Customer type	PM51	PM53	PM55
Facilities & Building Maintenance	✓	✓	—
Electronics Technicians & Engineers	—	—	✓
Field Service Technician	—	—	✓
Residential/Commercial Electrician	—	✓	✓
Industrial Electrician	—	—	✓
HVAC Technician	—	—	✓
Plant Maintenance	—	—	✓
Engineering Students	✓	—	✓
Automotive Technician	✓	✓	—
Hobbyist	✓	✓	—
Homeowner	✓	✓	—
Computer Technician	—	✓	✓
Medical Equipment Technician	—	—	✓
Aircraft Service Technicians	—	—	✓



PM51 Pocket Size Multimeter w/Frequency and Capacitance

For facilities & building maintenance, automotive technicians, engineering students, homeowners and hobbyists.

The PM51 meter is a shirt-pocket size meter only 2 inches wide and weighing less than 3 oz. With full functionality offering ac and dc voltage to 600 V, resistance to 40 MΩ, capacitance to 300 μF, frequency to 1 MHz, continuity with beeper, and diode test. Fully autoranging, the PM51 offers seven different measurement functions with 27 full ranges of measurement. The digital display is oversized with large digits and icons in the display. In spite of its small size, the PM51 is full safety rated to CAT III 300 V, CAT II 600 V and is UL listed. No other meter offers this size with such performance and high safety ratings.

- 4000-count auto-ranging over-sized display
- Frequency measurements to 1 MHz
- Capacitance range to 3000 μF
- Resistance to 40 MΩ
- Continuity and Diode Test
- CAT II 600 V/CAT III 300 V dual rating
- Optional deluxe carrying case, VC3
- Optional protective silicone holster, HPM

One-year warranty

Meterman.
The right tool for the job.™

Meterman Test Tools

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