

# *PRODUCT CATALOGUE 2020*



# COMPARISON CHART

### WHICH POWER PROBE MEETS YOUR DIAGNOSTIC NEEDS?





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	-			
	POWER PROBE 3	POWER PROBE 3EZ	POWER PROBE 4	THE MAESTRO
VOLTAGE RATING	12 - 24 VDC	12 - 24 VDC	12 - 24 VDC	12 – 24 VDC
DISPLAY TYPE	1 LINE LCD DISPLAY	COLOR MULTI LINE LCD DISPLAY	COLOR LCD DISPLAY	COLOR LCD DISPLAY
CIRCUIT BREAKER	MANUAL RESET	MANUAL RESET	SELF-RESETTING	SELF-RESETTING
DC VOLTMETER	0 – 70 VDC	0 – 70 VDC	0 – 200 VDC	0 – 200 VDC
DC MIN/MAX	YES	YES	AVG, MIN MAX SIMUL- TANEOUSLY	AVG, MIN MAX SI- MULTANEOUSLY
AC VOLTMETER	NO	NO	PEAK TO PEAK/TRMS/ AVG	PEAK TO PEAK/TRMS/ AVG
AC PEAK MIN/MAX	NO	NO	YES	YES
OHMMETER	NO	NO	0 – 10K OHM	0 – 10K OHM
LIVE RESISTANCE TEST	NO	NO	YES	YES
AUTO-RANGING	NO	NO	YES	YES
WATER RESISTANT	NO	NO	YES	YES
DIAGNOSTIC MODES	NO	NO	YES	YES
VISUAL NAVIGATION MENU	NO	YES	YES	YES
FLIP SCREEN MODE	NO	YES	NO	YES
EZ LEARNING	NO	YES	NO	YES
GUIDED DIAGNOSTICS	NO	YES	NO	YES
COMPATIBLE WITH POWER PROBE TEK PRO SERIES APP	NO	NO	NO	YES
TRACE MODE	NO	NO	NO	YES

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# THE MAESTROM

#### **OVERVIEW**

The Power Probe Maestro has the ability to communicate with the Power Probe TEK App, making the diagnostic potential of this tool unlimited. Working in conjunction with the app, the Maestro allows the user to data-log either screenshots or record visual traces of their customer's electrical issues. The Maestro will have the ability to display oscilloscope type measurements. In addition to the multimeter functions, guided diagnostics, testing of fuel-injectors, and the ability to apply battery-supplied power and ground, the Maestro and Power Probe TEK App will be compatible to connect with a majority of diagnostic scan tools out in the market today.

#### FEATURES

Connects with the new Power Probe TEK App for greater diagnostic functionality

Trace mode offers scope-like functionality

Stream and record visual traces of electrical issues found when diagnosing

DC voltmeter with the capability of applying battery supplied voltage or ground

AC voltmeter: TRMS, peak-to-peak/min/max, frequency, duty cycle

Resistance testing with a live or unloaded circuit

Fuel-injector test mode

EZ Learning videos teach the end-users how to complete the most common applications

Self-resetting circuit-breaker

Operates on 12V or 24V systems



PPTM01AS

PRO SERIES

The

Maestro

INCLUDES POWER PROBE MAESTRO 4 IN PROBE TIP BATTERY CLIPSET ALLIGATOR CLIP ADAPTER INSTRUCTION MANUAL



# POWER PROBE 4

#### **OVERVIEW**

The Power Probe 4 provides the ability to supply Battery Ground and Power and 8 Diagnostic Testing modes to provide automotive technicians with detailed information on the circuits and signals being tested. The PP4 will test for AC/DC Voltage in 100ms and 50s resolutions, AC Volts RMS & Volts P-P, Measure Resistance, Hertz, Frequency and Pulse Width (Negative & Positive), Tests Fuel Injectors, Supply Computer-Safe voltage for testing Module Drivers (transistors) and works as a circuit detector with the PPECT3000 (not included).

#### **FEATURES**

23 FT (7m) cable

Ergonomic and heavy duty housing

Water and Solvent Resistant

Automatic Resetting 8 Amp Circuit Breaker

Intuitive and easy to use

Compatible with all Power Probe test leads and accessories

12-24 Volt Range

**COLOR OPTIONS: PP401AS** 

**OPTIONAL** 5V adapter fits between the probe and the probe tip

**FEED TEST** 

PPT5VA



PP4

INCLUDES

**3 IN PROBE TIP** 

ALLIGATOR CLIP ADAPTER **POWER PROBE 4** INSTRUCTION MANUAL BATTERY CLIPSET

## POWER PROBE 4 MASTER KIT

#### **OVERVIEW**

The PP4 Master Combo Kit combines the Power Probe 4, PPECT3000, and various accessories to provide the ultimate combination of diagnostic and circuit testing capabilities. The Power Probe 4 provides simplified testing of Motors, Lights, Relays, Sensors, as well as supplying Power and Ground for functional component testing on or off the vehicle. The PPECT3000 will help you trace short and open circuits quickly and accurately.

#### FEATURES

23 FT (7m) Cable allows you to reach from bumper to bumper on the vehicle

The PPECT3000 traces short and open circuits, without having to remove panels, carpets, or molding to expose wires

The PPECT3000's sensitivity adjustment allows for accurate detection

The PP4 and the PPECT3000 work great together for pinpointing breaks in wiring with the PP4's PPECT Mode

The transmitter sends a signal towards the problem circuit and the receiver indicates the direction of the short to ground.



PPKIT04

INCLUDES

POWER PROBE 4 ECT3000 RECEIVER ECT3000 TRANSMITTER INSTRUCTION MANUAL AAA BATTERIES (X2) 20A FUSE BULB ADAPTER KIT BLADE PROBE ADAPTER BACK PROBE ADAPTER ALLIGATOR CLIP ADAPTER 3in PROBE TIP BATTERY CLIPSET 3 FT TEST LEAD SMALL PIERCING PROBE LARGE PIERCING PROBE

# POWER PROBE 3EZ

#### **OVERVIEW**

The Power Probe 3 is a Digital Voltmeter that works off of 12-24 Volt sources, with the ability to apply Power and Ground for functional component testing. Using an Auxiliary Ground cable to check continuity and test components, the tool is protected by an 8 Amp circuit breaker.

#### **FEATURES**

Includes EZ Learning & Diagnostics Flip Screen Mode Displays Readings 180° Quickly Test Fuses & Circuits for Voltage in VDC Mode Resettable 8 Amp Circuit Breaker Adjust the AC Threshold Setting to Audio Circuits or AC Signals Determine if Motors, Lights, Fans, Relays or Circuits are Operational Quickly Identify Power or Ground Circuits with a Touch of the Probe Tip 12-24 Volt Range

**PP3EZ** 

FAK TO PE

IN PEA



### PACKAGING



#### COLOR OPTIONS:



**PP3EZCARBCS** 

**OPTIONAL** 5V adapter fits between the probe and the probe tip

710

PPT5VA

# POWER PROBE 3

#### OVERVIEW

The Power Probe 3 is a Digital Voltmeter that works off of 12-24 Volt sources, with the ability to apply Power and Ground for functional component testing. Using an Auxiliary Ground cable to check continuity and test components, the tool is protected by an 8 Amp circuit breaker.

#### FEATURES

DC Voltmeter Indicators provide active feedback

Relay and Component Tester

Power Cable Length 20 FT (6m)

Audible Monitoring of Electrical Signals

LED Lights

Bad Ground Indicator

Short Circuit Indicator

#### PACKAGING



PP3CS Includes: Power Probe 3 with standard 20 FT Power Cable 3 IN Probe Tip Battery Clip Set Instruction Manual/CD



PP319 Includes: Power Probe 3 with standard 20 FT Power Cable 3 IN Probe Tip Battery Clip Set Cigarette Lighter Adapter 20 FT Power Cable Extension Insruction Manual

PPT5VA OPTIONAL 5V adapter fits between the probe and the probe tip

PP3

#### COLOR OPTIONS:



### POWER PROBE 3 W/ GOLD SERIES LEAD SET

#### **OVERVIEW**

The Power Probe 3 is a Digital Voltmeter that works off of 12-24 Volt sources, with the ability to apply Power and Ground. Using an Auxiliary Ground Cable, this tool is able to check continuity and test components. This kit is completed with the Gold Series Lead Set and adapters to fit, extend, and reach for unsurpassed connectivity.

#### FEATURES

Supply power or ground for Functional Component Testing

Resettable 8 Amp Circuit Breaker

DC Voltmeter indicators provide active feedback

Power cable length of 20 FT (6m)

12 – 24 Volt Range

Bad ground indicator

Continuity tester

Relay and component tester

Audible monitoring of electrical signals

Cigarette lighter adapter

Gold Series Lead Set



PP3LS01

INCLUDES

INSTRUCTION MANUAL/CD ALLIGATOR CLIP ADAPTER PROBE TIP BATTERY CLIPSET CIGARETTE LIGHTER ADAPTER 20 FT (6m) EXTENSION

POWER PROBE 3 (RED ONLY)

4 MM MALE/MALE ADAPTER 4 MM FEMALE/FEMALE ADAPTER 1 FT TEST LEAD 3 FT TEST LEAD 6 FT TEST LEAD SMALL PIERCING PROBE LARGE PIERCING PROBE

### POWER PROBE 3 MASTER COMBO KIT

#### OVERVIEW

The PP3 Master Combo Kit combines the functionality of the Power Probe 3 that allows you to power up components, test DC Voltage, Electrical Motors, Lights, Relays, and monitor Signals. While the PPECT3000 will help you trace Short and Open Circuits quickly and accurately.

#### FEATURES

Power up components

Audible monitoring of electrical signals

Voltmeter

12 – 24 V range

Bad ground indicator

Continuity tester

Relay and component tester

Trace short and open circuits

Cigarette Lighter Adapter



**PPKIT03S** 

POWER PROBE 3 (RED ONLY) PROBE TIP BATTERY CLIPSET CIGARETTE LIGHTER ADAPTER 20 FT (6m) EXTENSION SMALL PIERCING PROBE LARGE PIERCING PROBE 4 MM MALE/MALE ADAPTER 4 MM FEMALE/FEMALE ADAPTER 1 FT TEST LEAD 3 FT TEST LEAD 6 FT TEST LEAD ALLIGATOR CLIP ADAPTER ECT3000 TRANSMITTER ECT3000 RECEIVER BULB ADAPTER KIT BLADE PROBE ADAPTER INSTRUCTION MANUAL AAA BATTERIES (X2)

INCLUDES

### PROFESSIONAL ELECTRICAL TEST KIT

#### **OVERVIEW**

The Professional Electrical Test Kit provides the circuit testing ability of the Power Probe 3 combined with the diagnostic capabilities of the PPDMM. This kit includes a Power Probe 3 Circuit Tester (PP3), CAT-IV 600V Hybrid Safe Digital Multimeter (PPDMM), 2 - 10 FT 18 Gauge Leads, 2- Alligator Clips, Spare 600V 10 Amp fuse, Spare 600V 600 Milliamp fuse, Spaded Probe adapter, Back Probe adapter, Instructional Manual, all in a convenient blow molded carrying case.

#### **FEATURES**

Supplies Power and Ground for Functional Component Testing

CAT-IV 600V Hybrid Safe AC/DC Voltmeter

Measures Resistance up to 60M Ohms

Measures Current from .001 Amps to 10 Amps

**Measures Frequency** 

2 - 10 FT (1 - 3 m) 18 gauge leads



PPROKIT01

INCLUDES POWER PROBE 3 (RED ONLY) 3 IN PROBE TIP BATTERY CLIPSET DIGITAL MULTIMETER BLADE PROBE ADAPTER BACK PROBE ADAPTER 4 MM MALE/MALE ADAPTER 4 MM FEMALE/FEMALE ADAPTER ALLIGATOR CLIP (X2) (3m) 10 FT LEAD BLACK (3m) 10 FT LEAD RED (2m) 5 FT CAT IV 600V TEST LEADS 10 AMP FUSE 600 mA FUSE AAA BATTERIES (X3) INSTRUCTION MANUAL MAGNETIC STRAP

# POWER PROBE 4

#### OVERVIEW

The Power Probe 4 provides the ability to supply Battery Ground and Power and 8 Diagnostic Testing modes to provide automotive technicians with detailed information on the circuits and signals being tested. The PP4 will test for AC/DC Voltage in 100ms and 50s resolutions, AC Volts RMS & Volts P-P, Measure Resistance, Hertz, Frequency and Pulse Width (Negative & Positive), Tests Fuel Injectors, Supply Computer-Safe voltage for testing Module Drivers (transistors) and works as a circuit detector with the PPECT3000 (not included).

#### FEATURES

23 FT (7m) cable

Ergonomic and heavy duty housing

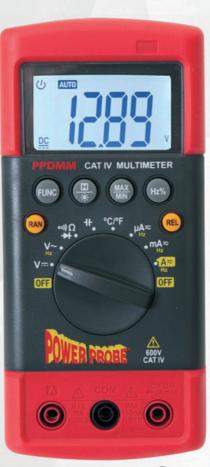
Water and Solvent Resistant

Automatic Resetting 8 Amp Circuit Breaker

Intuitive and easy to use

Compatible with all Power Probe test leads and accessories

12-24 Volt Range



INCLUDES

DIGITAL MULTIMETER 10A FUSE 600mA FUSE ALLIGATOR CLIPS 5 FT (2m) CAT-IV 600V TEST LEADS K-TYPE TEMP PROBE MAGNETIC HANGING STRAP AAA BATTERIES (X3) INSTRUCTION MANUAL

# SHORT / OPEN FINDER

#### **OVERVIEW**

The PPECT3000 Electrical Short and Open Finder makes locating shorts and opens quicker and more accurate than ever before. When the PPECT3000 Transmitter is connected to an isolated circuit, it will quickly determine if the circuit has an open or if the circuit is shorted to ground. The PPECT3000 Receiver is designed to detect signals from the transmitter with its new sensitivity adjustment allowing for accurate detection. Additional hardware is included for testing lighting systems, connecting to universal adapters, tapping into fuse terminals, back probing connectors, piercing wires, and connecting to a terminal. Blow molded case is included to store the PPECT3000 and all the accessories.



PPECT3000

#### FEATURES

Locate short circuits without removing plastic panels, molding, and carpet

Find short to ground circuits, switches, or breaks in wires

Test and find intermittent conditions

Sensitivity adjustment from 1-8 IN

Trace short to ground wires with visual navigation & sound indicators

Works on Cars, Boats, RV's, Light Duty, Heavy Duty Trucks, and Trailers



ECT3000B The ECT3000B only includes the Transmitter and Receiver in a color packaged box.

INCLUDES

ECT3000 TRANSMITTER ECT3000 RECEIVER BATTERY CLIPSET ALLIGATOR CLIP UNIVERSAL 4MM ADAPTER AAA BATTERIES (X2) BULB ADAPTER KIT SMALL PIERCING PROBE BLADE PROBE ADAPTER BACK PROBE ADAPTER

# **GOLD SERIES LEAD SET**

#### **OVERVIEW**

The Gold Series Lead Set gives you the ability to extend the reach of your Power Probe with various extended leads and adapters.

#### **FEATURES**

Self-centering piercing probes

10 gauge super flexible multi-strand wires

Standard 4 MM plugs and jacks with gold plated connectors

PPLS01



INCLUDES

**3 IN PROBE TIP 1 FT TEST LEAD 3 FT TEST LEAD 6 FT TEST LEAD** ADAPTER CAP

SMALL PIERCING PROBE LARGE PIERCING PROBE 4 MM FEMALE/FEMALE ADAPTER 4 MM MALE/MALE ADAPTER ALLIGATOR CLIP ADAPTER

## 5-VOLT REFERENCE ADAPTER

#### **OVERVIEW**

This 5-volt Adapter will connect to any Power Probe circuit tester and will limit the output voltage to 5 volts. This is perfect for testing sensors and computer circuits.

#### FEATURES

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- VDC

12.26

PRO SERIES

The Aaestr PPT5VA

12.4

0 0

Current Limited 5 Volt Output

Safely test computer-sensor circuits

Standard 4mm banana connector

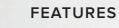
Use the adapter with the PP3, PP3EZ, PP4 and Maestro



# THE PROBE

#### **OVERVIEW**

The PROBE is an incandescent voltage test light with haptic feedback. It can also test for good or bad Grounds, and Continuity.



The bulb lights up and the tool vibrates and illuminates for voltage over 12 V. If under 12 V, only the bulb lights up.

Good Ground is indicated by a green light. Good continuity is indicated by a green light.

A Bad Ground is indicated by a blue light. Bad continuity is indicated by a blue light. PPTACT1CS



**OPTIONAL ACCESSORIES** 

PPTACT-1 Replaceable Bulb

# DC VOLTAGE TESTER

#### OVERVIEW

The DC Voltage Tester is an easy-to-use tool that can quickly test for voltage. Perfect for testing batteries, lighting systems, trailer connections, and more. This voltage tester is self-powered with an 18" cable. The LCD displays voltage readings from 5 V to 35 V.

#### FEATURES

Able to read a positive and negative voltage

Used to measure voltage in an electronic circuit

LCD for Voltage Display

DC Voltmeter

Self Powered- No Battery Needed

18-inch cord with alligator clip

**PPTACT1CS** 

# TEMPKIT / TEMPPROBE

#### OVERVIEW

The Temperature Kit is a dual-zone digital thermometer that comes with a base unit and wireless probe. An optional additional wireless probe can be paired with the base unit so that up to 3 readings can be measured.



Measures temperature from 2 locations, up to 3 with an additional TEMPPROBE

Wireless temperature readings

Backlit LCD display

Distance: 16.5 FT (5m)

Measures -10°F to 132°F (-23°C to 56°C)



TEMPKIT

OPTIONAL Additional Wireless Temperature Probe



INCLUDES

TEMPERATURE KIT (1) TEMPERATURE PROBE INSTRUCTION MANUAL BATTERIES NOT INCLUDED

## MINI PROBE SOCKET TESTERS

OVERVIEW

Power Probe Tek's Mini-Probe socket testers are a quick way to test your vehicle's Accessory Outlets. These Mini Probes consist of 2 testers; one (1) USB outlet probe and one (1) Accessory outlet probe.

These testers simply plug into the power outlet in question and will illuminate if the port is working properly or will not illuminate if the outlet has a problem.

No more looking for "known good" charging cables or devices. The Mini-Probes are a quick and easy way to test your power outlets.



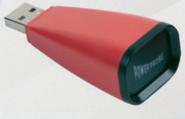
TST12V

#### **FEATURES**

Checks the voltage in Accessory, and USB Outlets

Socket Testers notifies user of operational outlet with LED lights

Available individually



**TSTUSB** 

# Soldering Range



### PART NUMBER: **PPBT**

The **Butane Torch** is a heavy duty, high powered, high capacity torch capable of brazing, soldering, and loosening bolts. With its large fuel capacity, this torch has a run time of 1 hour at full flame.

#### FEATURES

Electronic instant ignition system

Powerful and adjustable flame

Efficient hand-held OR free standing design

45 gms refillable metal fuel tank

Max. temperature attainable: 2400° F (1300° C)

With safety lock

### PART NUMBER: **PPmt**

The Micro Torch is a butane powered tool useful for soldering, brazing, loosening fasteners, plastic forming/molding, and many other applications. The electronic igniter allows for easy startup. The Torch has a maximum temperature of 2400°F (1300°C) when used as torch, 950°F (510°C) when used for soldering.



#### FEATURES

Electronic ignition

Butane refillable

Flame adjustmen

Max temperature attainable 2400°F (1300°C)



PART NUMBER: **PPmtkit01** The Micro Torch Kit also includes various tips and heat blower attachments in a convenient case



### PART NUMBER: **PPmt**

The **Solder Kit** is a butane powered tool useful for soldering, brazing, loosening fasteners, plastic forming/molding, and many other applications. It's electronic igniter allows for easy startup. The soldering iron has a maximum temperature of 950°F (510°C). The Soldering Kit also includes various tips and heat blower attachments all conveniently in a blow molded case.

### FEATURES

Butane refillable

Adjustable flame control

Easy start electronic ignition

Multiple tips

\* BUTANE NOT INCLUDED

# Soldering Range

## **PPECT3000**



PPTK0005 Test Probe Adapter Kit



Universal 4 mm Wire & Alligator Clip Connector Set



PPTK0025 Power Probe 3/3S/3EZ Clip Set





**PPTK0001** 

DMM Leads Kit



**PPTK0002** DMM Adapter Leads Kit



PPTK0035 Fuse, 600 mA/600 VDC (3 Pack)



PPTK0034 Fuse, 10 A/600 VDC (3 Pack)



PPTK0037 Magnetic Hanging Strap



PPTK0036 Thermocouple Probe

## ppmt / ppsk



PPTK0018 Heat Shrink Tip Set: Heat Blower, Heat Shrink, Heat Shrink Holder



PPTK0017 PPMT Solder Tip Set: Solder Tip, Solder Attachment PPMT ONLY



PPTK0038 Solder Rosen (5 Pack)



PPTK0019 PPSK & PPMT Tip Set: Hot Knife, Chisel, Wedge Type



PPTK0041 4 Piece Tip Set: Chisel, Wedge, Hot Knife, Solder Tip PPSK ONLY



PPTK0039 Heatshrink Attachment for Soldering Kit PPSK ONLY

## PP3 / PP3S / PP3EZ / pp4 / Maestrotm



**PPTK0024** 3 in Tip (2 Pac) **PPTK0043** 6 in Probe Tip



**PPTK0004** Wire Extension 3 FT Banana Jack



### pp3/pp3s/pp3ez



**PPTK0014** 

4 mm Banana Plug Adapter Set

(Male & Female)

**PPTK0021** Rocker Switch (2 Pack)



**PPTK0003** 

Piercing Probe Kit

**PPTK0028** Switch Latch (2 Pack) **PP3 ONLY** 



**PPTK0044** Motorcycle Battery Tender Adapter



**PPTK0027** 3/3S/3EZ 20 FT (6m) Extension Cable

Cigarette (Power Port) Adapter

### PP4 / Maestro<sup>tm</sup>



**PPTK0030** Replaceable Circuit Breaker (Self Resetting)





PPTK0032

Switch Latch (2 Pack)

**PP3S AND PP3EZ** 

**PPTK0023** 4 MM Banana Jack Clip



(2 Pack)

**PPTK0042** PP4 Fuse (2 Pack)



20 FT (6m) Cable Extension







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