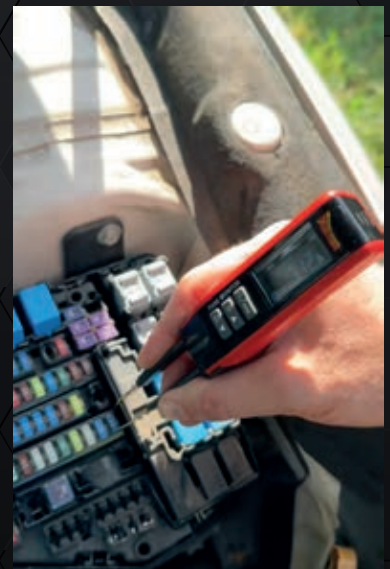


# POWER PROBE®

THE ULTIMATE CIRCUIT TESTER



PRODUCT CATALOGUE

# 2026



[www.powerprobe.com](http://www.powerprobe.com)

<b>Power Probe®</b>	<b>03</b>
WHO WE ARE .....	03
<b>NEW PRODUCTS</b>	<b>05</b>
PPDRAW .....	06
PPFUSE .....	07
EV TESTER .....	08
DM300AUTO .....	09
DM600MAX .....	10
INT500 .....	11
PENETRATOR .....	12
MWL1400 .....	13
<b>CIRCUIT TESTERS</b>	<b>14</b>
CIRCUIT TESTERS COMPARISON CHART .....	15
PP3 .....	16
PP3EZ .....	18
PP4 .....	20
THE MAESTRO .....	21
PPAMP, PPWM & PP5VA TIPS .....	22
ECT3000 .....	24
PP3 LEAD SET KIT .....	25
PP3 MASTER COMBO KIT .....	26
PP3 PROFESSIONAL ELECTRICAL TEST KIT .....	27
PP4 MASTER COMBO KIT .....	28
PPLS01 GOLD SERIES LEAD SET .....	29
<b>BATTERY CURRENT DRAW</b>	<b>30</b>
PPDRAW .....	31
DM300AUTO .....	32
PPFUSE .....	33
PPDCM80 .....	34
<b>ELECTRICAL VEHICLE SAFETY</b>	<b>35</b>
EV TESTER .....	36
INT500 .....	37
VT750LCD .....	38
<b>MULTIMETERS AND VOLTAGE TESTERS</b>	<b>39</b>
MULTIMETERS COMPARISON CHART .....	40
PPDMM .....	41
DM500MAX .....	42
DM600MAX .....	43
DM300AUTO .....	44
PPECB .....	45
VOLTAGE TESTERS COMPARISON CHART .....	46
PPTACT1CS .....	47
PPTVM01 .....	48
VT750LCD .....	49
PLUG-IN TESTERS .....	50
<b>TEMPERATURE</b>	<b>51</b>
TEMPKIT .....	52
IRGUN500 .....	53
<b>SOLDERS AND TORCHES</b>	<b>54</b>
PPMT .....	55
PPBT .....	55
PPSK .....	56
PPPS50W .....	57
PPMTKIT01 .....	58
<b>LIGHTING</b>	<b>59</b>
MWL1000 .....	60
MWL1400 .....	61
<b>ACCESSORIES</b>	<b>62</b>
CIRCUIT TESTERS .....	63
MULTIMETERS AND CLAMP METERS .....	65
SOLDERS AND TORCHES .....	66
EV ELECTRICAL SAFETY .....	67
OTHER ACCESSORIES .....	67



## SIMPLIFYING AUTOMOTIVE DIAGNOSTICS

At **Power Probe®**, we believe things should be simple. That's why we design tools to make complex automotive technology accessible for the modern auto technician. As automotive technology continues to evolve, Power Probe® will provide innovative Technology, Energy, and Knowledge solutions for technicians and consumers alike.

### **Circuit Testing and Diagnostic Tools**

Tools to provide fast electrical testing and short circuit tracing. Based on the success of the past, our tools are now made simpler and easier to use.

### **Tools & Accessories**

Workplace Improvement Tools including butane torches, wireless temperature probes, IR thermometers, modular work lights..

### **Mission Statement**

To provide the Auto Repair Technicians the knowledge and the tools that will enable them to best serve their customers.

### **Vision**

- Be the most prominent producer of innovative tools for the auto repair technician.
- Possess the most Knowledge in Auto Repair.
- Be the best company to work for.
- Out smart and out perform the largest automotive tool manufacturers in the world.

### **CORE Values**

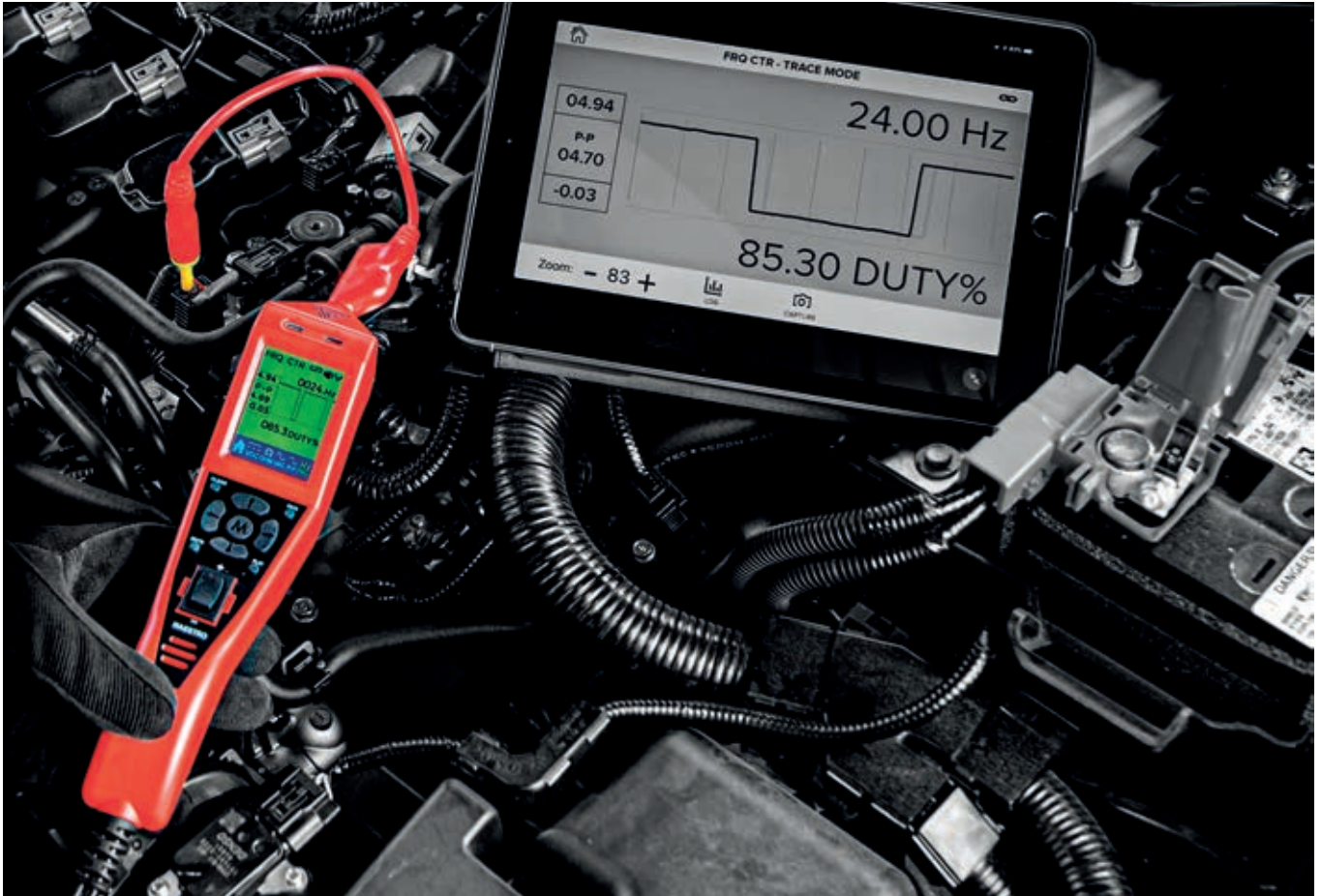
- Honesty & Integrity in everything we do.
- Humility we know that there is a lot more to know and we can always get better.
- We do it because it is the right thing to do.
- We are passionate about the auto repair technicians.

### **Power Probe® customer support center**

We work to give you the best service. We maintain a direct and transparent relationship with our clients, in which the quality of the service is our priority.

### **After Sales Service**

<https://powerprobe.com/en/warranty-repair/>  
<https://powerprobe.com>



At **Power Probe®**, our mission is to equip auto repair technicians worldwide with the knowledge and tools necessary to excel in their craft. We are driven by a vision to be the industry leader in innovative automotive tools, the foremost authority in auto repair knowledge, and an exemplary workplace.

Founded in 1992, Power Probe® has a rich history of simplifying complex automotive technology for both technicians and consumers. Our commitment to user-friendly tools has made navigating electrical systems a breeze. To accommodate our growth and better serve our expanding customer base, we relocated our US headquarters to a larger facility in Charlotte, North Carolina in 2022.

**Power Probe®** operates on a global scale, serving customers worldwide. This extensive reach enables us to develop a deep understanding of each market, allowing us to tailor our solutions to meet specific customer requirements. With a strong foundation built over 30 years, we are dedicated to being a recognized, honest, and fair company. Our goal is to

be the most valued partner for our customers in the research, development, manufacture, and supply of innovative, customer-focused technologies.

Our highly experienced team is open-minded, receptive to new ideas, and adaptable to evolving market trends. This solid foundation guarantees that we are well-equipped to deliver exceptional solutions that address our customers' real needs.

**Power Probe®** is dedicated to simplifying automotive diagnostics. We design and develop innovative tools, power solutions, and training resources to keep pace with the ever-evolving automotive landscape. Our product range, encompassing circuit testers, diagnostic tools, and essential workshop accessories, caters to the diverse needs of automotive professionals and DIY enthusiasts alike.

Discover the Power Probe® difference. Explore our catalog and experience the future of automotive diagnostics.



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# NEW PRODUCTS

NEW PRODUCTS

# PPDRAW

## DRAW MONITOR



SKU NO.  
**PPDRAWCBINT**

**NEW**



This product is designed to be used for monitoring car battery voltage, current draw, and serving as a backup power supply when replacing the battery. The product is connected to the car's OBDII interface via an OBDII connection cable to supply 12V power to the car and to monitor the batteries current draw to identify a parasitic draw. It can also serve as a backup power supply for the car during battery replacement, preventing the car from losing it's memory, for example: the clock time and radio presets. Draw Monitor can also monitor battery voltage through the OBDII port.



### Technical specifications

- Monitor vehicle parasitic draw up to 10A
- Maintain battery backup for vehicle settings
- Connects through 16-pin OBDII connector
- Full color screen with easy-to-read graphics
- Extended data logging through Power Probe® Link App
- Long lasting battery life up to 3,000mAh

### PPDRAW Package Contents

- USB-A to USB-C Charging Cable
- User Manual
- Storage Case

### Dimensions

- Carton Box: 235x195x70mm (9.25"x7.67"x2.75")
- Color Box: 235x195x70mm (9.25"x7.67"x2.75")
- Amount / Box : 12 PCS



**More information on  
[powerprobe.com](http://powerprobe.com)**



# PPFUSE

## FUSE MONITOR



SKU NO.  
**PPFUSECBINT**

**NEW**



The **Fuse Monitor** is used to locate / isolate which circuit parasitic draw lies by measuring current across fuses without removing them. The PPFUSE can be used on Maxi, Mini, & ATC fuses with a maximum Amp rating of 80A. The Fuse Monitor calculates amp draw based on fuse size in real time. The PPFUSE is USB-C rechargeable, comes with a belt clip, has replaceable tips, and a work light.

### Technical specifications

- Locate parasitic draw across fuses
- The top of the tool shows inactive, active, or open for quick fuse diagnosis.
- Accurately measures current without removing the fuse
- Ability to read Maxi, Mini, & ATC fuses up to 80 A
- Belt clip
- Flashlight
- Replaceable tips
- Pair with the draw monitor to quantify parasitic draw and use the fuse monitor to isolate the source.
- USB-C rechargeable

### Dimensions

- Color Box : 57x 33 x 203 mm (2.24" x 1.3" x 8")
- Carton Box : 561 x 469 x 431 mm (22.1" x 18.5" x 17")
- Amount / Box : 100 PCS



More information on  
[powerprobe.com](http://powerprobe.com)



# EV TESTER

## ELECTRICAL VEHICLE SAFETY TESTER



SKU NO.

**PPEVTESTCBINT**

**NEW**



**NEW PRODUCTS**

The **EV TESTER** is a tool which performs all the required electrical safety tests specified by the **ECE-R100**. After repairing an Electric Vehicle, it's necessary to perform a test routine to make sure that the vehicle is safe from electrical point of view, insulation and bonding using the Kelvin method are two of the main required tests. EV TESTER is the perfect tool to do this job.

### Technical specifications

- TRUE RMS
- 4,000 counts
- TFT screen 2,8"
- Backlight
- Voltage up to 1.000VAC/DC
- Resistance (2W) up to 40kΩ
- Resistance (4W) up to 40Ω, minimum resolution of 1mΩ
- Insulation resistance test up to 1.000VDC
- PI, DAR calculation
- Short circuit test current ≤ 2mA
- Diode test
- Capacitance up to 10μF
- Temperature up to 400°C/752°F
- Auto power OFF
- Internal memory of 400 positions
- Bluetooth communication to PowerProbe Link App
- CAT IV 600V, CAT III 1000V

### EV TESTER Package Contents

- Test leads
- Alligator Clip set
- Insulation remote probe
- 4W (Kelvin) probe
- K-Type Thermocouple
- 4 x AA Alkaline batteries
- User manual
- Carrying bag

### Dimensions

Color box: 246 x 277 x 104 mm (9.7" x 10.9" x 4.1")  
 Carton box: 626 x 536 x 337 mm (24.6" x 21.1 x 13.3")  
 • Amount / Box : 10 PCS

### Accessories



REMOTE PROBE FOR INSULATION RESISTANCE TEST (4 POLES)

**PPISOPROBECBINT**



4-WIRE ALLIGATOR CLIP FOR LOW RESISTANCE MEASUREMENT(4 WIRES)

**PPCLIP4WCBINT**



**PPTLEVTEST**  
EVTEST LEAD KIT



**More information on**  
[powerprobe.com](http://powerprobe.com)

# DM300 AUTO

## AUTOMOTIVE TEST METER



SKU NO.  
**PPDM300AUTOCBINT**

**NEW**



The **DM300AUTO** is much more than a complete True-RMS Digital Multimeter. It also includes some other functionalities of great utility for professionals dedicated to the automotive sector, such as measuring the current across fuses, checking the correct charging output of the alternator or measuring the batteries power supply circuit during a cranking voltage test.

### Technical specifications

- Measures current flowing through fuses without removing the fuse (up to 80A)
- Fuse voltage drop testing
- Guided automotive test such as:
  - Cranking Voltage test
  - Alternator Charging test
- AC/DC Voltage measurements up to 1000V
- Current measurements up to 30A
- Measures resistance, continuity and diode testing
- Frequency and duty cycle for PWM signals

### DM300AUTO Package Contents

- 2 x 1.5m (5ft) Test Leads
- 2 x alligator clips
- 30A test probe
- 1 x fuse current probe set
- 4 x AA Batteries
- USB-A to USB-C charging Cable
- User manual
- Canvas bag

### Dimensions

- Color Box : 255 x 200 x 95 mm (10" x 7.8" x 3.7")
- Carton Box : 606 x 506 x 307 mm (23.8" x 20" x 12")
- Amount / Box : 15 PCS

### Accessories



HIGH CURRENT TEST LEAD  
**PPHCTLPEINT**



More information on  
[powerprobe.com](http://powerprobe.com)

# DM600 MAX



SKU NO.  
**PPDM600MAXCBINT**

**NEW**



**IP 67**

**DUST & WATER PROOF**



**DM600MAX** is a high performance multimeter suitable for the most demanding applications. This multimeter is unique, allowing to measure up to 1,000V AC/DC and up to 30A AC/DC, being the only multimeter on the market with that ability. Along with it's bespoke measuring capabilities, the DM600MAX is highly accurate with a 40,000 digit count and tolerance of .03% VDC. With all these abilities encompassed in one meter along with an IP67 rating, the DM600 MAX from Power Probe makes for a truly special tool.

### Technical specifications

- TRUE RMS
- 40,000 counts
- Voltage up to 1,000V AC/DC
- In-line current up to 10A AC/DC
- Up to 30A AC/DC with accessory
- Resistance up to 40MΩ
- Continuity test
- Frequency and duty cycle up to 100kHz
- Low pass filter at 1kHz
- Diode test
- Capacitance up to 40mF
- Temperature up to 1,200°C/2,192°F
- Auto power OFF
- Bargraph
- Bluetooth communication to PowerProbe Link App
- CAT IV 600V, CAT III 1000V

### EV TESTER Package Contents

- Test leads
- Alligator Clip set
- K-Type Thermocouple
- 4 x AA Alkaline batteries
- User manual
- Carrying bag

### Dimensions

- Color box: 165 x 246 x 98 mm (6.5" x 9.7" x 3.8")
- Carton box: 521 x 514 x 307 mm (20.5" x 20.2" x 12.1")
- Amount / Box : 15 PCS

### Accessories



HIGH CURRENT TEST LEAD  
**PPHCTLPEINT**



DM600MAX TEST LEAD KIT  
**PPTL600MAX**



**More information on**  
[powerprobe.com](http://powerprobe.com)

# INT500

## True-RMS MULTIMETER AND 1kV INSULATION TESTER



SKU NO.  
**PPINT500CBINT**

**NEW**



The **INT500** by Power Probe® is a comprehensive solution designed to streamline your electrical testing workflow. Combining the functionality of an advanced insulation tester with a versatile TRMS multimeter, the INT500 empowers you to perform a wide range of safety and performance checks with unmatched precision and efficiency.

### Technical specifications

- Large White LED backlight display with bar graph and dual reading display
- Auto Backlight (can be disabled)
- Insulation test
  - 50v, 100v, 250v, 500v, 1000v
  - Up to 200G
  - Polarization Index (PI)
  - Dielectric Absorption Ratio(DAR)
  - Timed Insulation Test (Itp to 40 minutes)
- Earth-bond Resistance (Continuity)
  - 0.01 to 40
  - 20mA / 200mA mode (selectable)
  - Automatic bi-directional test (show the higher one)
- 600V DC & AC (TRMS) measurement
  - Low-pass Filter (LPF)
- 0.1nF to 10gF Capacitance measurement
- COMPARE (Pass/Fail) Function
  - Available for Insulation Test and Earthbond Resistance
  - 2 color LED Indicator (Green / Red) & Sounds (Continuous Beep / Beep twice)
- Store / Recall Function
  - 1500 records for each function
- Bluetooth connection with Power Probe® LINK APP

### INT500 Package Contents

- Remote Probe
- Test leads
- Alligator clips
- Holster with built-in magnetic

### Dimensions

- Color Box : 240 x 180 x 73 mm (9.4" x 7.1" x 2.8")
- Carton Box : 580 x 390 x 284 mm (22.8" x 15.4" x 11.7")
- Amount / Box : 15 PCS

### Accessories



REMOTE PROBE FOR INSULATION RESISTANCE TEST (2 POLES)  
**PPRPEINT**



More information on  
[powerprobe.com](http://powerprobe.com)

NEW PRODUCTS



# PENETRATOR

## TUNGSTEN PROBE TIP



SKU NO.  
**PPTRCBINT**

- High performance 3,5mm tungsten tip for longevity
- Penetrate through corrosion with low effort
- Long lasting design
- Visible in the dark
- Standard 4mm banana plug and 12,7 cm (5'') long

### **PENETRATOR Package Contents**

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- Instruction Manual

### **Dimensions**

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Color Box : 98 x 96 x 38 mm (3.8" x 3.7" x 1.5")  
 Carton Box : 410 x 211 x 220 mm (16.1" x 8.3" x 8.6")

- Amount / Box : 100 PCS

### **COMPATIBLE WITH**

---

- All circuit testers from PP3 up to THE MAESTRO

**NEW!**



# MWL 1400 MODULAR LIGHT



SKU NO.  
**PPMWL1400**

**NEW**



The **Pro Series Modular Work Light** is extremely versatile and can be used as an under-hood light, an Area Spot light, or four individual work lights. The light can be mounted in multiple orientations for hands-free use by utilizing the magnets on the side or back of the housing, the threaded hole for mounting to a tripod or the magnets on the back of each individual module as well as the hooks on each module.

## Main features

- Module Lumens (High, Low) : 350, 125
- Total Light Lumens : 1400
- Runtime (High, Low): 3.5h, 10h
- Magnets
- Hook

## MWL1400 Package Contents

- USB-A to USB-C cable
- Instruction manual

## Dimensions

- Color Box : 468 x 88 x 80 mm (18.4" x 3.4" x 3.1")
- Carton Box : 435 x 194 x 502 mm (17.1" x 7.6" x 19.8")
- Amount / Box : 10 PCS

## Accessories



These Modules are replacement for the MWL1400, each light outputs 125 lumens on low and 350 lumens on high, and has a hook and magnet for mounting  
**PPTK0049**



More information on  
[powerprobe.com](http://powerprobe.com)

## Technical specifications

- Module Lumens (High, Low) : 350, 125
- Total Light Lumens : 1400
- Lux @ 1m (High, Low): 570, 205
- Beam Distance (High, Low): 40m, 29m
- CRI : > 80
- Constant Current
- Runtime (High, Low): 3.5h, 10h
- Battery: 3.7V 3,000mAh x 4
- Charger: 100-240V, 3A @ 20V
- Charging Time: 3-4 h
- Magnets
- Hook
- Threaded Hole: 1/4"-20





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# **CIRCUIT TESTERS**

**CIRCUIT TESTERS**

# Comparison Chart

WHICH POWER PROBE® MEETS YOUR DIAGNOSTIC NEEDS?



**PP3**



**PP3EZ**



**PP4**



**THE MAESTRO**

	PP3	PP3EZ	PP4	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
LED INDICATOR	YES	YES	YES	YES
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 SIMULTANEOUSLY	AVG, MIN MAX SIMULTANEOUSLY
AC VOLTMETER	NO	NO	PEAK TO PEAK/TRMS/AVG	PEAK TO PEAK/TRMS/AVG
AC PEAK MIN/MAX	YES	YES	YES	YES
OHMMETER	NO	NO	0 - 10K OHM	0 - 10K OHM
CONTINUITY CHECK	YES	YES	YES	YES
LIVE RESISTANCE TEST	NO	NO	YES	YES
ACTIVATION OF ELECTRICAL COMPONENTS	YES	YES	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® APP	NO	NO	NO	YES
TRACE MODE	NO	NO	NO	YES

# PP3

## CIRCUIT TESTER



The **PP3** 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, the user can simultaneously supply Battery Voltage, and ground to test components. They can also test for continuity using the probe tip and auxiliary ground lead.

### Main features

- Voltmeter
- Supplies power and ground
- Digital Voltmeter with min/max voltage capturing
- Voltage & Polarity testing
- Continuity testing
- Powers up components
- Light and relay tester
- Identifies poor ground contacts
- Red/Green Indicator & Audio Tone
- Resettable circuit breaker
- Digital Display helping to identify the types of signals on each circuit, in order to prevent unsafe voltage application



CASE SKU NO.  
**PP319FTCRED**  
STAND ALONE SKU NO.  
**PP3CSRED**

### Limited edition colors



CASE SKU NO.  
**PP319FTCBLK**  
STAND ALONE SKU NO.  
**PP3CSBLK**



CASE SKU NO.  
**PP319FTCBLU**  
STAND ALONE SKU NO.  
**PP3CSBLU**



CASE SKU NO.  
**PP319CARB**  
STAND ALONE SKU NO.  
**PP3CSCARB**



CASE SKU NO.  
**PP319FTGRN**  
STAND ALONE SKU NO.  
**PP3CSGRN**



CASE SKU NO.  
**PP319FIRE**  
STAND ALONE SKU NO.  
**PP3CSFIRE**



CASE SKU NO.  
**PP319CAMO**  
STAND ALONE SKU NO.  
**PP3CSCAMO**



CASE SKU NO.  
**PP319BF**  
STAND ALONE SKU NO.  
**PP3CSBF**

### Technical specifications

- DC 0 to +70V +1 Digit
- P-P 0 to +70V

#### The frequency response of tone pass through

- 10Hz to greater than 10 kHz

#### PP Display

- 15 Hz Square Wave
- 35 Hz Sine Wave

#### Power Probe® Mode – Continuity to ground

- First level – Display is enabled less than 20 K  $\Omega$
- The second level – Green LED is enabled less than 600  $\Omega$

#### – & +Peak Detector Response

- Single event capture less than 200ms pulse width
- Repetitive events less than 1ms pulse width

#### Peak to Peak Mode

- 0 to + 70 + 1 Digit
- 4Hz to over 500kHz Square Wave input
- 4Hz to over 250kHz Sine Wave input
- The threshold for PPAC/Audible passthrough
- Circuit Breaker 8 amp thermal response – Manual reset
- AC voltage leakage test (alternator)



More information on  
[powerprobe.com](http://powerprobe.com)



## PP319 Contents (Case packaging)

- PP3 with standard 20 ft (6 m) Power Cable
- 3 in (8 cm) Probe Tip
- Battery Clip Set
- Cigarette Lighter Adapter
- 20 ft (6 m) Power Cable Extension
- Instruction Manual

## Dimensions

- Tool Box : 258 x 192 x 97 mm (10.1" x 7.5" x 3.8")
- Carton Box : 531 x 500 x 213 mm (20.9" x 19.7" x 8.4")
- Amount / Box : 10 PCS



## PP3CS Contents (Stand alone)

- PP3 with standard 20 ft (6 m) Power Cable
- 3 in (8 cm) Probe Tip
- Battery Clip Set
- Instruction Manual

## Dimensions

- Clamshell : 307 x 194 x 48 mm (12.1" x 7.6" x 1.9")
- Carton Box : 481 x 432 x 361 mm (18.9" x 17" x 14.2")
- Amount / Box : 20 PCS

## Accessories



5-VOLT REFERENCE  
ADAPTER  
**PPT5VA**



DC AMP READER  
**PPAMP**



PULSE WIDTH MODULATED  
SIGNAL GENERATOR  
**PPPWM**

# PP3EZ

## CIRCUIT TESTER



The **PP3EZ** includes all the powerful testing modes and features of the PP3 including 2 new modes - EZ Learning Mode and EZ Diagnostics Mode. Other advanced features include a more user-friendly menu and a 180° flip screen. The PP3EZ speeds you through the diagnosing of 12 to 24 volt automotive electrical systems. With this instrument, the automotive technician can determine at a glance the voltage level and the polarity of a circuit using the single probe tip without needing a conventional two pole voltmeter. The PP3EZ switch allows the automotive technician to apply a positive or negative signal from the probe tip to activate and test electrical components without wasting time with jumper leads.

### Main features

- EZ learning & diagnostics function
- Voltage & polarity testing
- Continuity testing
- Activating components on or off the vehicle
- Activating components with ground lead
- Testing trailer lights and connections
- Checking for poor ground contacts
- Red & green indicators & audio tones
- 180° flip screen
- Supplied with 1 x 6mtr (20 ft ) cable
- 8 amp circuit breaker
- 12v to 24 volts
- LCD display
- Led back light
- Multiple readings on one screen
- Robust housing
- Led work lights

### Technical specifications

**The frequency response of tone pass through**

- 10Hz to 10 kHz

**PP Display**

- 15 Hz Square Wave
- 35 Hz Sine Wave

**Power Probe® Mode – Continuity to ground**

- First level – Display is enabled less than 20 K Ω
- The second level – Green LED is enabled less than 600 Ω

**- & +Peak Detector Response**

- Single event capture less than 200ms pulse width
- Repetitive events less than 1ms pulse width

**Peak to Peak Mode**

- 0 to + 70 + 1 Digit
- 4Hz to over 500kHz Square Wave input
- 4Hz to over 250kHz Sine Wave input
- Threshold for PPAC/Audible passthrough
- Circuit Breaker 8 amp thermal response – Manual reset

**OverVolt Warning (>70V)**

**Over Load Warning(>34Vdc)**



CASE SKU NO.

**PP3EZREDAS**

STAND ALONE SKU NO.

**PP3EZREDCS**

### Limited edition colors



CASE SKU NO.

**PP3EZCAMOAS**

STAND ALONE SKU NO.

**PP3EZCAMOCS**



CASE SKU NO.

**PP319FTGRN**

STAND ALONE SKU NO.

**PP3EZGRNCS**



CASE SKU NO.

**PP3EZORGAS**

STAND ALONE SKU NO.

**PP3EZORGCS**



CASE SKU NO.

**PP3EZCARBAS**

STAND ALONE SKU NO.

**PP3EZCARBCS**



## PP3EZREDAS Package Contents

- PP3EZ with standard 20 ft cable (6 m) Power Cable
- 3 In (8 cm) Probe Tip
- Battery Clip Set
- Instruction Manual

## Dimensions

- Tool Box : 305 x 210 x 90 mm (12" x 8.3" x 3.5")
- Carton Box : 630 x 471 x 246 mm (24.8" x 18.5" x 9.7")
- Amount / Box : 10 PCS

## PP3EZREDCS Package Contents

- PP3EZ with Standard 20 ft cable (6 m) Power Cable
- 3 In (8 cm) Probe Tip
- Battery Clip Set
- Cigarette Lighter Adapter
- 20 ft (6 m) Power Cable Extension
- Instruction Manual

## Dimensions

- Color Box : 327 x 260 x 295 mm (12.8" x 10.2" x 11.6")
- Carton Box : 356 x 261 x 310 mm (14" x 10.3" x 12.2")
- Amount / Box : 10 PCS



More information on [powerprobe.com](http://powerprobe.com)

## Accessories



5-VOLT REFERENCE ADAPTER  
**PPT5VA**



DC AMP READER  
**PPAMP**



PULSE WIDTH MODULATED SIGNAL GENERATOR  
**PPPWM**

# PP4

## CIRCUIT TESTER



### Technical specifications

- Min Operating Voltage: 8 VDC
- Max Operating Voltage: 30 VDC
- Max Tip Voltage: 450 Volts
- Probe Tip Resistance to Ground: 130K Ohms
- Computer Safe: 0.1mA floating tip
- Voltage Measurement: -100 to 200 VDC / VAC (70 VAC RMS)
- Voltage Resolution: -99.99 to 99.9 V – 0.01V (10mV) 100.0 to 199.9 V – 0.1V (100mV)
- Glitch Capture: >380µs Min Pulse Width
- Power Feed Test: < 30 mA
- Resistance Measurement: 0.1 Ohms to 10K Ohms
- Frequency Measurement: 1Hz to 9999Hz
- Driver Test: 50 Ohm Pull Up on Tip
- Driver On Range: 50mV to 1V
- ECT Signal Detection: 2 sec.
- Fuel Injector Mode: LED Flash @ Min 35V @ 100µs Pulse
- Red LED Response: Within 0.5V BATT V and < 10 Ohms
- Green LED Response: < 10 Ohms
- Circuit Breaker: 8 Amp Thermal – Auto Reset
- Breaker Trip Response:
  - 8 Amps = No Trip
  - 10 Amps = 20 min.
  - 15 Amps = 6 sec.
  - 25 Amps = 2 sec.
- Short Circuit = 0.3 sec.
- Operating Temperature: -20°C (-4°F) to 50°C (122°F)
- Storage Temperature: -40°C (-40°F) to 65°C (149°F)

The **PP4** is the next generation of Power Probe® Circuit Testers, now loaded with powerful Multi-Meter functions and advanced diagnostic test modes, an easy to read colour LCD display and a new rugged housing.

The PP4 can test for AC/DC Volts RMS & Volts Peak to Peak, Measure Resistance, Hertz, Frequency and Pulse Width

PP4 can also test Fuel Injectors & supply computer safe voltage for testing Module Drivers. PP4 also works with the ECT3000.

### Main features

- 8 diagnostic modes
- DC volts
- AC volts rms
- AC VOLTS PEAK to PEAK
- Resistance Ω
- Frequency (hz)
- Pulse width ± (ms)
- Fuel injector
- Module driver
- Supplied with 7mtr (23ft) cable
- Auto reset 8 A circuit breaker
- 12v to 24 volts
- LCD display
- Back light
- Multiple reading on one screen
- Robust housing
- Led work lights

### PP4 Package Contents

- Convenient Carrying Case
- Alligator Clip
- Battery clipset
- 3 in (8 cm) probe tip
- Instructions manual

### Dimensions

Carton Box : 101 x228 x 304 mm (3.9" x 8.9" x 11.9")

- Amount / Box : 10 PCS



CASE SKU NO.  
**PP401AS**

### Limited edition colors



CASE SKU NO.  
**PP405AS**



**More information on  
powerprobe.com**

### Accessories



DC Amp Reader  
**PPAMP**



Pulse width modulated signal generator  
**PPPWM**



5V adapter  
**PPT5VA**



Lighter adapter  
**PPTK0026**



20 Ft extension cable  
**PPTK0029**

# THE MAESTRO CIRCUIT TESTER



SKU NO. **PPTM01AS**



## Technical specifications

- Min Operating Voltage: 9 VDC
- Max Operating Voltage: 30 VDC
- Max Tip Voltage: 450 Volts
- Probe Tip Resistance to Ground: 350 K Ohms
- Computer Safe: 0.1mA floating tip
- Voltage Measurement: -100 to 200 VDC/VAC
- Voltage Resolution: -99.99 to 99.9 V - 0.01V (10mV)
- Glitch Capture >380µS Min Pulse Width
- Power Feed Test < 30 mA
- Resistance Measurement: 0.01 Ohms to 10K Ohms
- Frequency Measurement: 1Hz to 9999Hz
- Fuel Injector Mode: LED Flash @ Min 35V @ 100µS Pulse
- Red LED Response: Within 0.5V BATT V in Voltmeter Mode and >10 Ohms in Power Feed Test Mode
- Green LED Response: < 10 Ohms in both Power Feed Test Mode and Voltmeter Mode and <.5V in Voltmeter Mode
- Circuit Breaker: 8 Amp Thermal – Auto Reset
- Breaker Trip Response: 8 Amps = No Trip | 10 Amps = 20 min. 15 Amps = 6 sec. | 25 Amps = 2 sec. Short Circuit = 0.3 sec.

The **The Maestro** has the ability to communicate with the Power Probe® 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 an oscilloscope type measurement.

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® App will be compatible to blend with a majority of diagnostic scan tools out in the market today.

## Main features

- Connects with the new Power Probe® 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 Package Contents

- The Maestro
- 4 in (10 cm) probe tip
- Battery clipset
- Alligator clip adapter
- Instruction manual

## Dimensions

- Color Box : 270 x 219 x 80 mm (10.6" x 8.6" x 3.1")
- Carton Box : 440 x 320 x 375 mm (17.3" x 12.6" x 14.7")
- Amount / Box : 10 PCS

## Accessories

- DC Amp Reader **PPAMP**
- Pulse width modulated signal generator **PPPWM**

## Power Probe® APP

- Data Logging
- Bluetooth connection to The Maestro
- Project Saving & Data Sharing
- Power Probe® Knowledge Base
- Real Time Wireless Communication & Data



More information on [powerprobe.com](http://powerprobe.com)

# PPAMP

## DC AMP READER



SKU NO.

**PPAMPTIPCBINT**



**PPAMP** is an adapter that is used on our entire range of PP circuit testers.( PP3/PP3EZ/PP4/THE MAESTRO).

This adapter is used for measuring the DC current of a component. It is capable of measuring up to 20 Amps DC making it useful across a multitude of automotive components including, heater fans, wiper motors, and lights & sunroofs. In a bench testing environment, It helps identify the health of a component by comparing its DC measurement to manufacturers specification.

### PPAMP Package Contents

- Instruction Manual

### Dimensions

- Color Box : 98 x 96 x 38 mm (3.8" x 3.7" x 1.5")
- Carton Box : 410 x 211 x 220 mm (16.1" x 8.3" x 8.6")
- Amount / Box : 40 PCS



# PPPWM

## PULSE WIDTH MODULATED SIGNAL GENERATOR



SKU NO.

**PPPWMTIPCBINT**



**PPPWM** is an adapter that is used on our entire range of PP circuit testers.(PP3/PP3EZ/PP4/THE MAESTRO). It can be set to output a duty cycle between 0 - 100% by pressing the keys. It is mainly used on components that are PWM driven by a vehicles computer such as radiator fans, lights & AC components.

### PPPWM Package Contents

- Instruction Manual

### Dimensions

- Color Box : 98 x 96 x 38 mm (3.8" x 3.7" x 1.5")
- Carton Box : 410 x 211 x 220 mm (16.1" x 8.3" x 8.6")
- Amount / Box : 40 PCS



# PPT5VA

## VOLT REFERENCE ADAPTER



SKU NO.  
**PPT5VA**



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

### Features & Specs

- Current Limited 5 Volt Output
- Safely test computer-sensor circuits
- Provides 5-Volt Reference Voltage
- 12-24 Volt Input
- 5-Volt Output
- Standard 4mm banana connector

### PPT5VA Package Contents

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- Instruction Manual

### Dimensions

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- Color box: 98 x 96 x 38 mm (3.8" x 3.7" x 1.5")  
Carton box: 410 x 211 x 220 mm (16.1" x 8.3" x 8.6")
- Amount/box: 40 PCS

# ECT3000

## CIRCUIT TRACER & SHORT FINDER



SKU NO.  
**ECT3000**  
**ECT3000B**



### Technical specifications

#### TRANSMITTER

- Min Operating Voltage: 6 VDC
- Max Operating Voltage: 48 VDC
- Working Current: <200mA
- Working Frequency: 4KHz
- Max Operating Temp: 50 C°
- Max Storage Temp: 70 C°
- Max Operating Relative humidity: 80% (Non-condensation)
- Max Storage Relative humidity: 80% (Non-condensation)
- Altitude: <2000m

#### RECEIVER

- Power Supply: 2 X 1.5V AAA
- Working Current: When no signal is detected <15mA
- Power Consumption with Power Off: <10uA
- Max Operating Temp: 50 C°
- Max Storage Temp: 70 C°
- Max Operating Relative humidity: 80% (Non-condensation)
- Max Storage Relative humidity: 80% (Non-condensation)
- Altitude: <2000m



The **ECT3000** gives you a quick solution and allows you to test automotive circuit problems. It quickly helps you locate the wiring shorts or open circuits. The tool consists of 2 main components: An Intelligent transmitter and a Intelligent receiver along with a set of connection adapters.

### Main features

- Locate short circuits without unnecessarily removing plastic panels, molding, and carpet.
- Isolate your circuit
- Trace wires to see where they lead
- Find open circuits, switches or breaks in wires
- Test and find intermittent conditions
- Check continuity with the assistance of the PP3, PP4 or Maestro.

### Package Contents

#### ECT3000B

- ECT3000 Transmitter
- ECT3000 Receiver
- Alligator Clip Adapter and Wire Adapter
- Battery Hook Up Clip Set

#### ECT3000

- ECT3000 Transmitter
- ECT3000 Receiver
- Alligator Clip Adapter and Wire Adapter
- Battery Hook Up Clip Set
- Blade probes
- Light bulb adapters
- Piercing Probe

### Dimensions

Color Box : 188 x 280 x 50 mm (7.4" x 11" x 1.9")  
Carton Box : 400 x 290 x 315 mm (15.7" x 11.4" x 12.4")

- Amount / Box : 10 PCS



**More information on  
powerprobe.com**

# PP3LS01

## LEAD SET KIT



SKU NO.  
**PP3LS01**



### Technical specifications

- DC 0 to +70V +1 Digit
- P-P 0 to +70V

#### The frequency response of tone pass through

- 10Hz to greater than 10 kHz

#### PP Display

- 15 Hz Square Wave
- 35 Hz Sine Wave

#### Power Probe® Mode – Continuity to ground

- First level – Display is enabled less than 20 K  $\Omega$
- The second level – Green LED is enabled less than 600  $\Omega$

#### - & +Peak Detector Response

- Single event capture less than 200ms pulse width
- Repetitive events less than 1ms pulse width

#### Peak to Peak Mode

- 0 to + 70 + 1 Digit
- 4Hz to over 500kHz Square Wave input
- 4Hz to over 250kHz Sine Wave input
- The threshold for PPAC/Audible passthrough
- Circuit Breaker 8 amp thermal response – Manual reset
- AC voltage leakage testing (alternator)



PP3 combined with the Gold Series Lead Set makes this kit the ultimate in circuit testing diagnosis. The best sidekick to the PP3 is a kit with an array of connectors, adapters, and extensions.

The **PP3LS01** is designed to increase the usability for the PP3 while diagnosing electrical circuits.

### Main 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 (6 m)
- For use on 12 – 24 Volt systems
- Bad ground indicator
- Continuity tester
- Relay and component tester
- Audible monitoring of electrical signals
- Cigarette lighter adapter
- Gold Series Lead Set

### PP3LS01 Package Contents

- PP3
- 4mm Female/Female adapter
- 4mm Male/Male adapter
- Small piercing probe
- Large piercing probe
- Cigarette lighter adapter
- Alligator clip adapter
- 20 ft (6m) extension
- Battery clipset
- Probe Tip
- 1 ft (31cm) Lead
- 3 ft (1m) Lead
- 6 ft (2m) Lead



### Dimensions

- Hard Case : 357 x 286 x 85mm (14" x 11.2" x 3.3")
- Carton Box : 445 x 379 x 321 mm (17.5" x 14.9" x 12.6")
- Amount / Box : 5 PCS



More information on  
[powerprobe.com](http://powerprobe.com)

# PPKIT03S

## MASTER COMBO KIT



SKU NO.  
**PPKIT03S**



The **PP3 Master Combo Kit** combines PP3 and PPECT3000 to provide the ultimate combination of diagnostic and circuit testing capabilities.

The PP3 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.

### Main features

- Voltage & Polarity testing
- Continuity testing
- Bench test components away from the vehicle
- Activating electrical components in the Vehicle
- Activating electrical components with ground
- Testing trailer lights and connections
- Checking for bad ground contacts
- Red/Green Indicator & Audio Tone
- Locate short circuits without unnecessarily removing plastic panels, molding, and carpet.
- Trace wires to see where they lead
- Find open circuits, switches or breaks in wires
- Check continuity

### Technical specifications

- DC voltmeter indicators provide active feedback (PP3)
- Audible monitoring of electrical signals (PP3)
- Works on cars, boats, RV's, light duty, heavy duty trucks, and trailers (ECT3000)
- For further details view PP3 & ECT3000 specs.

### PPKIT03S Package Contents

- PP3
- PPTip
- Battery Clip set
- Cigarette Lighter Adapter
- 20 ft Extension
- Large Piercing Probe
- Small Piercing Probe
- 4mm Male/Male Adapter
- 4mm Female/Female Adapter
- 1 Lead
- 3 Lead
- 6 Lead
- 3 Light Bulb Adapters
- Universal Adapter
- Alligator Clip Adapter
- Blade Probe Adapter
- Back Probe Adapter
- ECT3000 Transmitter
- ECT3000 Receiver
- AAA Batteries

### Dimensions

- Hard Case : 380 x 310 x 88 mm (14.9" x 12.2" x 3.4")
- Carton Box : 460 x 401 x 346 mm (18.1mm x 15.7mm x 13.6mm)
- Amount / Box : 5 PCS



**More information on  
powerprobe.com**



# PPROKIT01

## PROFESSIONAL ELECTRICAL TEST KIT



SKU NO.  
**PPROKIT01**



### Technical specifications

- DC voltmeter indicators provide active feedback (PP3)
- Relay and component tester (PP3)
- Audible monitoring of electrical
- Signals (PP3)
- CAT-IV 600V hybrid safe rating (DMM)
- Measures frequency for sensor testing (DMM)
- For further details view PP3 & PPDMM specs.



The **PPROKIT01 Professional Electrical Test Kit** provides the circuit testing ability of the PP3 combined with the diagnostic capabilities of the Power Probe® Digital Multimeter.

This kit includes a PP3 Circuit Tester (PP3), CAT-IV 600V Hybrid Safe Digital Multimeter (PPDMM).

### Main features

- Supplies Power and Ground for Functional Component Testing
- CAT-IV 600V Hybrid Safe AC/DC Voltmeter
- Measures Resistance up to 60 MOhms
- Measures Current from .001 Amps to 10 Amps
- Measures Frequency

### PPROKIT01 Package Contents

- PP3 (red only)
- 3 inch (8 cm) 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 lead black
- (3m) 10 lead red
- (2m) 5 cat iv 600v test leads
- 10 amp fuse
- 600 ma fuse
- AAA batteries (x3)
- Instruction manual
- Magnetic strap

### Dimensions

Hard Case : 370 x 303 x 91 mm (14.5" x 11.9" x 3.6")  
Carton Box : 445 x 379 x 321 (107.5" x 14.9" x 12.6")

- Amount / Box : 5 PCS



More information on  
[powerprobe.com](http://powerprobe.com)

# PPKIT04

## MASTER COMBO KIT



SKU NO.  
**PPKIT04**

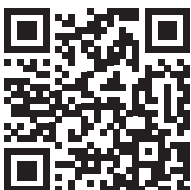


### PP4 Technical specifications

- Min Operating Voltage: 8 VDC
- Max Operating Voltage: 30 VDC
- Max Tip Voltage: 450 Volts
- Probe Tip Resistance to Ground: 130K Ohms
- Computer Safe: 0.1mA floating tip
- Voltage Measurement: -100 to 200 VDC / VAC (70 VAC RMS)
- Voltage Resolution: -99.99 to 99.9 V - 0.01V (10mV) 100.0 to 199.9 V - 0.1V (100mV)
- Glitch Capture: >380µS Min Pulse Width
- Power Feed Test: < 30 mA
- Resistance Measurement: 0.1 Ohms to 10K Ohms
- Frequency Measurement: 1Hz to 9999Hz
- Driver Test: 50 Ohm Pull Up on Tip
- Driver On Range: 50mV to 1V
- ECT Signal Detection: 2 sec.
- Fuel Injector Mode: LED Flash @ Min 35V @ 100µS Pulse
- Red LED Response: Within 0.5V BATT V and < 10 Ohms
- Green LED Response: < 10 Ohms
- Circuit Breaker: 8 Amp Thermal - Auto Reset
- Breaker Trip Response:
  - 8 Amps = No Trip
  - 10 Amps = 20 min.
  - 15 Amps = 6 sec.
  - 25 Amps = 2 sec.
  - Short Circuit = 0.3 sec.
- Operating Temperature: -20°C (-4°F) to 50°C (122°F)
- Storage Temperature: -40°C (-40°F) to 65°C (149°F)

### ECT3000 Technical specifications

- View ECT3000 technical specifications on page 19



**More information on  
powerprobe.com**

The **PP4 Master Combo Kit** combines the PP4 and the ECT3000 supplied with various accessories to provide the ultimate combination of diagnostic and circuit-testing capabilities.

The **PP4** provides simplified testing of Motors, Lights, Relays, Sensors and even Fuel Injectors. Also, like all Power Probe® circuit-testers it supplies Power and Ground for functional component testing on or off the vehicle.

The **ECT3000** will help you trace short and open circuits quickly and accurately.

### Main features

- 23 ft (7 m) Cable allows you to reach from bumper to bumper on the vehicle
- The ECT3000 traces short and open circuits, without having to remove panels, carpets, or molding to expose wires
- The ECT3000's sensitivity adjustment allows for accurate detection
- The PP4 and the ECT3000 works great together for pinpointing breaks in wiring with the PP4's PPECT Mode
- The transmitter injects a signal on to the problem circuit and the receiver indicates the direction of the short to ground
- the transmitter also injects a signal on the problem circuit and the receiver will follow the circuit with an audio tone until the open circuit is found

### PPKIT04 Package Contents

- PP4
- ECT3000 Transmitter
- ECT3000 Receiver
- Power Probe® Tip
- 3 Light Bulb Adapters
- Universal Adapter
- Alligator Clip Adapter
- Blade Probe Adapter
- Back Probe Adapter
- Small Piercing Probe
- Large Piercing Probe
- Battery Clipset
- Battery Clipset for the PP4
- 3 Leads
- Self-resetting Circuit Breaker
- AAA Batteries

### Dimensions

- Hard Case : 380 x 305 x 91 mm (14.9" x 12" x 3.6")
- Carton Box : 475 x 401 x 340 mm (18.7" x 15.7" x 13.4")
- Amount / Box : 5 PCS

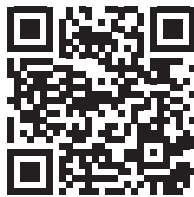


# PPLS01

## GOLD SERIES LEAD SET



SKU NO.  
**PPLS01**



More information on  
[powerprobe.com](http://powerprobe.com)

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

The piercing probes are self-centering and the banana connectors are Gold Plated.

### Main features

- Self-centering piercing probes
- 10 gauge super flexible multi-strand wires
- Standard 4 MM plugs and jacks with gold plated connectors

### PPLS01 Package Contents

- 3 in (8 cm) probe tip
- 1 ft (31 cm) test lead
- 3 ft (1 m) test lead
- 6 ft (2 m) test lead
- Adapter cap
- Small piercing probe
- Large piercing probe
- 4 mm female/female adapter
- 4 mm male/male adapter
- Alligator clip adapter

### Dimensions

- Hard Case : 65 x 190 x 250 mm (2.56" x 7.48" x 9.84")
- Carton Box : 220 x 335 x 520 mm (8.6" x 13.1" x 20.5")
- Amount / Box : 10 PCS





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# BATTERY CURRENT DRAW

# PPDRAW

## DRAW MONITOR



SKU NO.  
**PPDRAWCBINT**

**NEW**



This product is designed to be used for monitoring car battery voltage, current draw, and serving as a backup power supply when replacing the battery. The product is connected to the car's OBDII interface via an OBDII connection cable to supply 12V power to the car and to monitor the batteries current draw to identify a parasitic draw. It can also serve as a backup power supply for the car during battery replacement, preventing the car from losing it's memory, for example: the clock time and radio presets. Draw Monitor can also monitor battery voltage through the OBDII port.



### Technical specifications

- Monitor vehicle parasitic draw up to 10A
- Maintain battery backup for vehicle settings
- Connects through 16-pin OBDII connector
- Full color screen with easy-to-read graphics
- Extended data logging through Power Probe® Link App
- Long lasting battery life up to 3,000mAh

### PPDRAW Package Contents

- USB-A to USB-C Charging Cable
- User Manual
- Storage Case

### Dimensions

- Carton Box: 235x195x70mm (9.25"x7.67"x2.75")
- Color Box: 235x195x70mm (9.25"x7.67"x2.75")
- Amount / Box : 12 PCS



More information on  
[powerprobe.com](http://powerprobe.com)



# DM300 AUTO

## AUTOMOTIVE TEST METER



SKU NO.  
**PPDM300AUTOCBINT**

**NEW**



The **DM300AUTO** is much more than a complete True-RMS Digital Multimeter. It also includes some other functionalities of great utility for professionals dedicated to the automotive sector, such as measuring the current across fuses, checking the correct charging output of the alternator or measuring the batteries power supply circuit during a cranking voltage test.

### Technical specifications

- Measures current flowing through fuses without removing the fuse (up to 80A)
- Fuse voltage drop testing
- Guided automotive test such as:
  - Cranking Voltage test
  - Alternator Charging test
- AC/DC Voltage measurements up to 1000V
- Current measurements up to 30A
- Measures resistance, continuity and diode testing
- Frequency and duty cycle for PWM signals

### DM300AUTO Package Contents

- 2 x 1.5m (5ft) Test Leads
- 2 x alligator clips
- 30A test probe
- 1 x fuse current probe set
- 4 x AA Batteries
- USB-A to USB-C charging Cable
- User manual
- Canvas bag

### Dimensions

- Color Box : 255 x 200 x 95 mm (10" x 7.8" x 3.7")
- Carton Box : 606 x 506 x 307 mm (23.8" x 20" x 12")
- Amount / Box : 15 PCS

### Accessories



HIGH CURRENT TEST LEAD  
**PPHCTLPEINT**



More information on  
[powerprobe.com](http://powerprobe.com)

BATTERY CURRENT DRAW

# PPFUSE

## FUSE MONITOR



SKU NO.  
**PPFUSECBINT**

**NEW**



The **Fuse Monitor** is used to locate / isolate which circuit parasitic draw lies by measuring current across fuses without removing them. The PPFUSE can be used on Maxi, Mini, & ATC fuses with a maximum Amp rating of 80A. The Fuse Monitor calculates amp draw based on fuse size in real time. The PPFUSE is USB-C rechargeable, comes with a belt clip, has replaceable tips, and a work light.

### Technical specifications

- Locate parasitic draw across fuses
- The top of the tool shows inactive, active, or open for quick fuse diagnosis.
- Accurately measures current without removing the fuse
- Ability to read Maxi, Mini, & ATC fuses up to 80 A
- Belt clip
- Flashlight
- Replaceable tips
- Pair with the draw monitor to quantify parasitic draw and use the fuse monitor to isolate the source.
- USB-C rechargeable

### Dimensions

- Color Box : 57x 33 x 203 mm (2.24" x 1.3" x 8")
- Carton Box : 561 x 469 x 431 mm (22.1" x 18.5" x 17")
- Amount / Box : 100 PCS



More information on  
[powerprobe.com](http://powerprobe.com)



# DCM80

## DIGITAL CLAMP METER



SKU NO.  
**PPDCM80**



### Technical specifications

- Voltage: 600V AC/DC
- Current: 80A AC/DC
- Display 4000 counts
- Jaw Opening 24mm/0.9"
- Auto & Manual Ranging
- Auto Power Off
- Non-Contact Voltage Detector
- Diode Open Voltage 3.2V
- Continuity Buzzer <50 Ω
- Data Hold
- Large LCD Display Backlight
- Work Light
- Low Battery Display



The Power Probe® Digital Clamp Meter **DCM80** is an 80amp, auto-ranging clamp meter designed specifically for the automotive technician.

This meter is rated CAT III 600V and can measure Volts, Amps, Ohms, Frequency and Temperature, necessary for automotive electrical testing. This meter's diagnostic applications include (but are not limited to) Parasitic Draw, Crank Current testing and HVAC Temperature testing.

### Main features

- Rated CAT III 600V
- Voltage: 600V AC/DC
- Current: 80A AC/DC
- Display 4000 counts
- Accurate down to 1mA
- Jaw opening Ø24mm (0.9")
- Auto & manual ranging
- Auto power off
- Non contact voltage detector
- Diode open voltage 3.2v
- Continuity buzzer <50 Ω
- Data hold
- Large LCD display
- Back light

### PPDCM80 Package Contents

- 1 x clamp meter
- 2 x 1.5m Test Leads (PPTK0001)
- 1 x K-Type Thermocouple (PPTH0036)
- 1 x So Carry case
- Instructions manual
- 2 x AAA Batteries

### Dimensions

Color Box : 235 x 115 x 55 mm (9.2" x 4.5" x 2.2")  
Carton Box : 485 x 315 x 250 mm (19" x 12.4" x 9.8")

- Amount / Box : 20 PCS



**More information on  
powerprobe.com**

**BATTERY CURRENT DRAW**



ELECTRICAL VEHICLE SAFETY

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# ELECTRICAL VEHICLE SAFETY

# EV TESTER

## ELECTRICAL VEHICLE SAFETY TESTER



SKU NO.

**PPEVTESTCBINT**

**NEW**



**ELECTRICAL VEHICLE SAFETY**

The **EV TESTER** is a tool which performs all the required electrical safety tests specified by the **ECE-R100**. After repairing an Electric Vehicle, it's necessary to perform a test routine to make sure that the vehicle is safe from electrical point of view, insulation and bonding using the Kelvin method are two of the main required tests. EV TESTER is the perfect tool to do this job.

### Technical specifications

- TRUE RMS
- 4,000 counts
- TFT screen 2,8"
- Backlight
- Voltage up to 1.000VAC/DC
- Resistance (2W) up to 40kΩ
- Resistance (4W) up to 40Ω, minimum resolution of 1mΩ
- Insulation resistance test up to 1.000VDC
- PI, DAR calculation
- Short circuit test current ≤ 2mA
- Diode test
- Capacitance up to 10μF
- Temperature up to 400°C/752°F
- Auto power OFF
- Internal memory of 400 positions
- Bluetooth communication to PowerProbe Link App
- CAT IV 600V, CAT III 1000V

### EV TESTER Package Contents

- Test leads
- Alligator Clip set
- Insulation remote probe
- 4W (Kelvin) probe
- K-Type Thermocouple
- 4 x AA Alkaline batteries
- User manual
- Carrying bag

### Dimensions

Color box: 246 x 277 x 104 mm (9.7" x 10.9" x 4.1")  
 Carton box: 626 x 536 x 337 mm (24.6" x 21.1 x 13.3")  
 • Amount / Box : 10 PCS

### Accessories

REMOTE PROBE FOR INSULATION RESISTANCE TEST (4 POLES)  
**PPISOPROBECBINT**

4-WIRE ALLIGATOR CLIP FOR LOW RESISTANCE MEASUREMENT(4 WIRES)  
**PPCLIP4WCBINT**

**PPTLEVTEST**  
 EVTEST LEAD KIT



More information on [powerprobe.com](http://powerprobe.com)



# INT500

## True-RMS MULTIMETER AND 1kV INSULATION TESTER



SKU NO.  
**PPINT500CBINT**

**NEW**



The **INT500** by Power Probe® is a comprehensive solution designed to streamline your electrical testing workflow. Combining the functionality of an advanced insulation tester with a versatile TRMS multimeter, the INT500 empowers you to perform a wide range of safety and performance checks with unmatched precision and efficiency.

### Technical specifications

- Large White LED backlight display with bar graph and dual reading display
- Auto Backlight (can be disabled)
- Insulation test
  - 50v, 100v, 250v, 500v, 1000v
  - Up to 200G
  - Polarization Index (PI)
  - Dielectric Absorption Ratio(DAR)
  - Timed Insulation Test (Itp to 40 minutes)
- Earth-bond Resistance (Continuity)
  - 0.01 to 40
  - 20mA / 200mA mode (selectable)
  - Automatic bi-directional test (show the higher one)
- 600V DC & AC (TRMS) measurement
  - Low-pass Filter (LPF)
- 0.1nF to 10gF Capacitance measurement
- COMPARE (Pass/Fail) Function
  - Available for Insulation Test and Earthbond Resistance
  - 2 color LED Indicator (Green / Red) & Sounds (Continuous Beep / Beep twice)
- Store / Recall Function
  - 1500 records for each function
- Bluetooth connection with Power Probe® LINK APP

### INT500 Package Contents

- Remote Probe
- Test leads
- Alligator clips
- Holster with built-in magnetic

### Dimensions

- Color Box : 240 x 180 x 73 mm (9.4" x 7.1" x 2.8")
- Carton Box : 580 x 390 x 284 mm (22.8" x 15.4" x 11.7")
- Amount / Box : 15 PCS

### Accessories



REMOTE PROBE FOR INSULATION  
RESISTANCE TEST (2 POLES)  
**PPRPEINT**



More information on  
[powerprobe.com](http://powerprobe.com)



# VT750 LCD

## TWO POLE VOLTAGE TESTER



SKU NO.  
**PPVT750LCDCBINT**



**IP 65**

The **VT750LCD** is a compact reliable & robust automatic voltage tester reaching up to 750V. The tester can measure and indicate the exact voltage (AC/DC), phase indication, phase rotation continuity and resistance via an LCD. Safety is paramount so this tester includes spring loaded protective sleeves over the probe tips to protect the user when using on hybrid and EV Systems.



### Technical specifications

- 2,000 count digital display
- AC / DC 750V capability
- Dual display for ACV measuring with frequency
- 2K Ohms resistance range
- Frequency counter
- Phase rotation
- IP65 for outdoor use

### VT750 LCD Package Contents

- ZnC Battery
- Instruction Manual

### Dimensions

- Color Box : 267 x 115 x 45 mm (10.5" x 4.5" x 1.8")
- Carton Box : 494 x 250 x 290 mm (19.4" x 9.8" x 11.4")
- Amount / Box : 20 PCS



More information on  
[powerprobe.com](http://powerprobe.com)



MULTIMETER AND VOLTAGE TESTER

# MULTIMETERS AND VOLTAGE TESTERS

# Comparison Chart

WHICH POWER PROBE® MEETS YOUR DIAGNOSTIC NEEDS?



**PPDMM**

**DM500MAX**

**DM600MAX**

**DM300AUTO**

	<b>PPDMM</b>	<b>DM500MAX</b>	<b>DM600MAX</b>	<b>DM300AUTO</b>
VOLTAGE	600V AC/DC	1000 AC/DC	1000 AC/DC	1000V AC/DC
CURRENT	10A AC/DC	10A AC/DC	10A AC/DC (30 A with accessory)	10A AC/DC (30 A with accessory)
COUNTS	6000	40000	40000	6000
SCREEN	LCD	LCD	TFT COLOUR	TFT COLOUR
BARGRAPH	NO	YES	YES	NO
TRMS	NO	YES	YES	YES
TEMPERATURE (K-TYPE)	YES	YES	YES	NO
CAPACITANCE	YES	YES	YES	YES
FREQUENCY/ DUTY CYCLE	YES	YES	YES	YES
FUSE CURRENT	NO	NO	NO	YES
CRANKING VOLTAGE	NO	NO	NO	YES
ALTERNATOR OUTPUT TEST	NO	NO	NO	YES
SAFETY RATING	CATIV 600V	CATIII 1000V/CATIV 600V	CATIII 1000V/CATIV 600V	CATIII 1000V/CATIV 600V

**MULTIMETER AND VOLTAGE TESTER**

# PPDMM

## DIGITAL MULTIMETER

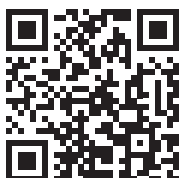


SKU NO.  
**PPDMM**



### Technical specifications

- Display: 6000 counts
- Auto power off
- Backlight
- Hold
- Auto-ranging
- MIN/MAX/REL
- Dimensions : 62x240x41mm
- Weight: 430g
- Power Supply: 3 x 1,5V AAA
- Safety category: CAT IV 600V, CAT III 1000V
- Voltage: 600V AC/DC
- Current: 10A AC/DC
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10kHz
- Diodes: 2,7V
- Continuity: <50Ω
- Temperature: -20°C ~ 1000°C/-4°F ~ 1832°F



More information on  
[powerprobe.com](http://powerprobe.com)

The Hybrid Safe CAT-IV 600V Automotive Digital Multimeter **PPDMM** by Power Probe® is versatile, accurate and rugged with its Large LCD Screen and Bright Backlight. Measures AC/DC Voltage, Current, Resistance, Frequency, Temperature and Capacitance, Data Hold, Min/Max Capture, Relative Measurement, and Diode/Continuity Tester. Perfect for Automotive use with Loud Indication Tones, 15 min auto shut-off function, and rugged rubberized housing.

### Main features

- Diode & continuity tester
- AC/DC voltage
- Resistance
- Data hold
- Min/max capture
- Relative measurement
- Large lcd display
- Back light
- 1.5m/5ft test leads
- K-type temperature probe
- Magnetic hanging strap
- 15 Mins auto power off
- CAT – IV 600V

### PPDMM Package Contents

- 2 x 1.5m (5 ) Test Leads (PPTK0001)
- 2 x alligator clips
- 1 x K-Type Thermocouple (PPTH0036)
- 1 x Magnetic Hanging Strap
- 3 x AAA Batteries
- 2 x Spare Fuses

### Dimensions

- Color Box : 196 x 140 x 60 mm (7.7" x 5.5" x 2.4")
- Carton Box : 370 x 365 x 300 mm (14.5" x 14.4" x 11.8")
- Amount / Box : 20 PCS

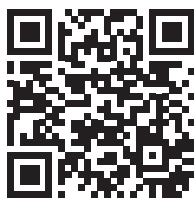


# DM500 MAX

## DIGITAL MULTIMETER



SKU NO.  
**PPDM500MAXCBINT**



More information on  
[powerprobe.com](http://powerprobe.com)



### Technical specifications

- 40,000 count extra-large digital display
- Auto backlit, dual display
- Auto AC/DC voltage detect with low impedance
- AC+DC voltage measurements
- High Frequency rejection mode
- Auto-save mode to automatically save new reading
- Resistance capacitance & Diode testing
- Temperature
- Datalogging
- Safety rating: CATIV600V

### DM500 MAX Package Contents

- Test Leads
- Alligator Clips
- Temp. Probe
- USB Cable
- Alkaline Battery
- Protective Holster
- Instruction Manual
- Magnetic Hanging Kit

### Dimensions

- Color Box : 222 x 180 x 65 mm (8.7" x 7.1" x 2.6')
- Carton Box : 561 x 347 x 247 mm (22.1" x 13.7" x 9.7')
- Amount / Box : 15 PCS



# DM600 MAX



SKU NO.  
**PPDM600MAXCBINT**

**NEW**



**DM600MAX** is a high performance multimeter suitable for the most demanding applications. This multimeter is unique, allowing to measure up to 1,000V AC/DC and up to 30A AC/DC, being the only multimeter on the market with that ability. Along with it's bespoke measuring capabilities, the DM600MAX is highly accurate with a 40,000 digit count and tolerance of .03% VDC. With all these abilities encompassed in one meter along with an IP67 rating, the DM600 MAX from Power Probe makes for a truly special tool.

### Technical specifications

- TRUE RMS
- 40,000 counts
- Voltage up to 1,000V AC/DC
- In-line current up to 10A AC/DC
- Up to 30A AC/DC with accessory
- Resistance up to 40MΩ
- Continuity test
- Frequency and duty cycle up to 100kHz
- Low pass filter at 1kHz
- Diode test
- Capacitance up to 40mF
- Temperature up to 1,200°C/2,192°F
- Auto power OFF
- Bargraph
- Bluetooth communication to PowerProbe Link App
- CAT IV 600V, CAT III 1000V

### EV TESTER Package Contents

- Test leads
- Alligator Clip set
- K-Type Thermocouple
- 4 x AA Alkaline batteries
- User manual
- Carrying bag

### Dimensions

- Color box: 165 x 246 x 98 mm (6.5" x 9.7" x 3.8")
- Carton box: 521 x 514 x 307 mm (20.5" x 20.2" x 12.1")
- Amount / Box : 15 PCS

### Accessories



HIGH CURRENT TEST LEAD  
**PPHCTLPEINT**



DM600MAX TEST LEAD KIT  
**PPTL600MAX**

**IP 67**  
**DUST & WATER PROOF**



More information on  
[powerprobe.com](http://powerprobe.com)

# DM300 AUTO

## AUTOMOTIVE TEST METER



SKU NO.  
**PPDM300AUTOCBINT**

**NEW**



The **DM300AUTO** is much more than a complete True-RMS Digital Multimeter. It also includes some other functionalities of great utility for professionals dedicated to the automotive sector, such as measuring the current across fuses, checking the correct charging output of the alternator or measuring the batteries power supply circuit during a cranking voltage test.

### Technical specifications

- Measures current flowing through fuses without removing the fuse (up to 80A)
- Fuse voltage drop testing
- Guided automotive test such as:
  - Cranking Voltage test
  - Alternator Charging test
- AC/DC Voltage measurements up to 1000V
- Current measurements up to 30A
- Measures resistance, continuity and diode testing
- Frequency and duty cycle for PWM signals

### DM300AUTO Package Contents

- 2 x 1.5m (5ft) Test Leads
- 2 x alligator clips
- 30A test probe
- 1 x fuse current probe set
- 4 x AA Batteries
- USB-A to USB-C charging Cable
- User manual
- Canvas bag

### Dimensions

- Color Box : 255 x 200 x 95 mm (10" x 7.8" x 3.7")
- Carton Box : 606 x 506 x 307 mm (23.8" x 20" x 12")
- Amount / Box : 15 PCS

### Accessories



HIGH CURRENT TEST LEAD  
**PPHCTLPEINT**



**More information on  
powerprobe.com**

# PPECB

## OBD-II BREAKOUT BOX



SKU NO.  
**PPECB**



### Technical specifications

- Operating range: 7.0 - 30.0VDC Input.
- Maximum load: Up to 3.0 Amps Output.
- Overload protection: Yes, PTC Fuse (Self-healing)
- Volt displays: 3 Digits LEDs (Resolution: 0.1V)
- Banana sockets: 16 outputs x 1.0mm diameter with LED lamp indications.
- Protocols detected: PWM (J1850), VPW (J1850), ISO 9141-2, DIS/ISO 14230-4, CAN bus (J-2284)
- Operating temperature: 32°F - 122°F (0°C - 50°C)
- Permitted humidity: Less than 70%.
- OBD cable length: 30 inches (0.8 meter)
- Reverse polarity protection: Yes, LED on pin 4 & 5 turns red.
- Warning beeps:
  - Slow beeps: Below 11.8V/23.6V (Low Voltage)
  - Fast beeps: Above 15.5V/31.0V (High Voltage)



The **PPECB** is a CANBUS circuit tester that plugs directly into the Vehicle's Data Link Connector (DLC). This will test for any abnormalities such as shorting and reverse polarity at the DLC pins before a Diagnostic Scan Tool is plugged in preventing damage to diagnostic equipment. The Breakout Box provides live display of present communication signals without having to use a Digital Multimeter.

### Main features

- Test DLC (OBD port) for any abnormalities, such as shorting and reverse polarity at the pins before connecting other diagnostic equipment to DLC.
- Provides a live display of communication signals (eg. communication protocol signals) on assigned pins for quick pointing of faults without having to bring out a measurement tool (digital volt ohmmeter).
- Quickly access all 16 pin connections during repair and diagnosis of the vehicle.
- Monitor the input voltage of the OBD during module programming with the low voltage alarm.
- Compatible with 12V and 24V.
- 2 pin adapter included.

### PPECB Package Contents

- OBD-II
- 2 pin adapter (PPTK0048)
- Instructions manual

### Dimensions

- Color Box : 225 x 95 x 75 mm (8.8" x 3.7" x 2.9")
- Carton Box : 510 x 470 x 175mm (20" x 18.5" x 6.9")
- Amount / Box : 20 PCS



### Accessories



OBD-II BREAKOUT  
BOX PIN ADAPTERS  
**PPTK0048**



**More information on  
powerprobe.com**

# Comparison Chart

WHICH POWER PROBE® MEETS YOUR DIAGNOSTIC NEEDS?



**PPTACT1CS**



**PPTVM01**



**VT750LCD**

AC Voltage			750V
DC Voltage	12-18V	5-35V	750V
Frequency			45-65HZ
Resistance			2KΩ
TRMS			CATIV600VAC CATIIII1000VDC
CAT			•
Autorange			•
HOLD			•
polarity detection			•
Continuity test	•		•
Phase rotation indication			•
Voltage test with no batteries		•	•
Counts		2000	2000
LED Indicators	•		
Led torch			•
IP65			•

# PPTACTICS

## 12V PROBE TEST LIGHT



SKU NO.  
**PPTACTICS**



**The PROBE** is an incandescent voltage test light with haptic feedback. The tool vibrates when detecting between 12v to 18volts. It also has two other functions, it can also be good for detecting grounds & continuity. When this is detected, a green light will show, if a bad ground is detected a blue light will indicate. Great for use on trailer circuits, horn's, batteries, bulbs and fuses.

### Main features

- Haptic Feedback.
- Vibrates between 12v to 18 Volts. Great when you cant see the light.
- LED Indicators.
- Blue: Bad Ground & Continuity
- Green: Good Ground & Continuity.
- Precision engineered probe. Helps to maintain contact on slippery contacts.
- Maintains constant reading.
- Computer Safe 3 Volts Output Max.
- 3m (6 ft) Long Coiled Cable. Lets you work over Larger areas.

### PPTACTICS Package Contents

- User Replacement Bulb
- Battery
- Instruction Manual

### Dimensions

- Color Box : 257 x 90 x 40 mm (10.1" x 3.5" x 1.6")
- Carton Box : 530 x 330 x 290 mm (20.8" x 13" x 11.4")
- Amount / Box : 42 PCS



More information on  
[powerprobe.com](http://powerprobe.com)

# PPTVM01

## DC VOLT TESTER



SKU NO.  
**PPTVM01**



### Technical specifications

- DC Voltage Measurement: 5.0- 35.0 V
- Voltage Step: 0.1 V
- Accuracy:  $\pm(1\% + \text{digital})$
- Response Time: 0.5s
- Max Operating temp: -10°C to 50°C
- Max Storage Temp: -10°C to 60°C
- Relative Humidity: 80% Maximum
- Altitude: <7000 (2000m)
- Certification: CE
- Power Supply: Self powered-No battery needed
- Cord with alligator clip length: 60" (1,5 m)
- Weight: 75g
- Dimensions: 223X40X32 mm (8.7" x 1.6" x 1.3")



The **PPTVM01** is an easy to use tool that can quickly test for voltage from 5 to 35 volts.

Not only extensively used on 12v and 24v vehicles for voltage detection applications, but also invaluable for voltage detection on caravans, trailers, motor bikes, plant and agricultural vehicles. Can be used for checking battery voltage, electric windows, lighting circuits, fuse boxes.

### Main features

- Reads a positive and negative voltage. One tool to read all voltages in a circuit. No need to have multiple tools.
- Large LCD Display.
- Can be seen clearly from a distance.
- No need to get up close to read the results.
- Precision engineered probe.
- Helps to maintain contact on slippery contacts.
- Maintains constant reading.
- Measures in incremental points. Shows voltage increase or decrease. Gives the exact reading of the circuit.
- Can operate in extreme temperatures.
- Can be used in different working environments.
- No need for additional tools.
- Small and light weight. Works well in small spaces. Giving you extra room to maneuver.

### PPTVM01 Package Contents

- 1 x PPTVM01
- User manual

### Dimensions

- Header Card : 90 x 280 mm (3.5" x 11")
- Carton Box : 330 x 300 x 240 mm (13" x 11.8" x 9.4")
- Amount / Box : 20 PCS



**More information on  
powerprobe.com**

# VT750 LCD

## TWO POLE VOLTAGE TESTER



SKU NO.  
**PPVT750LCDCBINT**



**IP 65**

The **VT750LCD** is a compact reliable & robust automatic voltage tester reaching up to 750V. The tester can measure and indicate the exact voltage (AC/DC), phase indication, phase rotation continuity and resistance via an LCD. Safety is paramount so this tester includes spring loaded protective sleeves over the probe tips to protect the user when using on hybrid and EV Systems.



### Technical specifications

- 2,000 count digital display
- AC / DC 750V capability
- Dual display for ACV measuring with frequency
- 2K Ohms resistance range
- Frequency counter
- Phase rotation
- IP65 for outdoor use

### VT750 LCD Package Contents

- ZnC Battery
- Instruction Manual

### Dimensions

- Color Box : 267 x 115 x 45 mm (10.5" x 4.5" x 1.8")
- Carton Box : 494 x 250 x 290 mm (19.4" x 9.8" x 11.4")
- Amount / Box : 20 PCS



More information on  
[powerprobe.com](http://powerprobe.com)

# MINI PROBE

## SOCKET TESTERS



SKU NO.  
**TSTUSB**



SKU NO.  
**TST12V**



SKU NO.  
**TST110V**

**Power Probe® Mini-Probe Socket Testers** are a quick way to check your vehicle's power outlets. These are 2 adapters: a USB (**TSTUSB**) and Accessory Lighter output probe (**TST12V**).

The fastest way to test these two sockets, saves you time having to look for phone charger cables.

### Main features

- Check the voltage at the AC outputs, accessories, and USB.
- Socket testers notify the user of the operational output with LED lights.
- Available individually or in a pack of 3 (TST3PK).

### TST3PK Package Contents

- USB Probe (TSTUSB)
- A CC Probe (TST12V)
- A CA Probe (TST110V)

#### Dimensions

Carton Box : 490 x 290 x 440 mm (19.2" x 11.4" x 17.3")

- Amount / Box : 48 PCS

#### TSTUSB Dimensions

Carton Box : 530 x 400 x 540 mm (20.8" x 15.7" x 21.2")

- Amount / Box : 192 PCS

#### TST12V Dimensions

Carton Box : 530 x 400 x 540 mm (20.8" x 15.7" x 21.2")

- Amount / Box : 192 PCS

#### TST110V Dimensions

Carton Box : 530 x 400 x 540 mm (20.8" x 15.7" x 21.2")

- Amount / Box : 192 PCS



**More information on  
[powerprobe.com](http://powerprobe.com)**



Available only in red  
SKU NO.  
**TST3PK**



TEMPERATURE

# TEMPERATURE

# TEMPKIT

## WIRELESS DUAL ZONE TEMPERATURE KIT



SKU NO.  
**TEMPKIT**



### Technical specifications

- Measuring Range-9°F to 158°F
- Operating Environment -9° to 158°F
- Wireless Reading Distance: 5 m-16.5 ft
- Wireless Transmitter Distance: 5 m-16.5 ft
- Accuracy  $\pm 2.0^{\circ}\text{F}(\pm 2.0^{\circ}\text{C})$
- Resolution 0.1° Measures Temperature from 2 locations
- Wireless Temperature Readings
- Backlit LCD Display
- Line of Sight distance: 5 m - 16.5 ft
- Additional Wireless Probe Accessory Available
- Measures -10°F. to 132°F.
- Power Supply: 2 x AA Batteries (RECEIVER) and 2 x AAA (TRANSMITTER)



More information on  
[powerprobe.com](http://powerprobe.com)

The Temperature Kit **TEMPKIT** is a dual-zone digital thermometer that comes with a base unit and wireless probe.

An optional additional wireless probe (TEMPPROBE) can be paired with the base unit so that up to 3 readings can be measured.

### Main features

- Measures temperature from 2 locations, up to 3 with an additional TEMPPROBE
- Wireless temperature readings
- Backlight LCD display
- Distance: 16.5 ft (5 m)
- Measures -10°F to 132°F (-23°C to 56°C)

### TEMPKIT Package Contents

- Main Unit 2 Channel Wireless Receiver
- 1 Temp Probe Unit Wireless Transmitter
- Instruction Manual
- Requires 2 AA and 2 AAA Batteries (NOT INCLUDED)

### Dimensions

- Color Box : 95 x 45 x 195 mm (3.7" x 1.7" x 7.7")
- Carton Box : 415 x 270 x 215 mm (16.3" x 10.36" x 8.5")
- Amount / Box : 20 PCS



### Accessories



ADDITIONAL WIRELESS TEMPERATURE PROBE  
**TEMPPROBE**



# IRGUN 500

## INFRARED THERMOMETER



SKU NO.  
**PPIR500CBINT**



More information on  
[powerprobe.com](http://powerprobe.com)

The **IRGUN500** Non-Contact Thermometer detects the infrared rays that an object emits. The instrument focuses the infrared energy of the object through the lens and onto a sensor. As a result, the instrument changes the surface temperature into an electrical signal, and a microcomputer calculates and displays the measured temperature on the LCD.



### Technical specifications

- Temperature range: -20°C~500°C(-4°F~932°F)
- D:S ratio: 10:1
- Emissivity: 0.95
- Spectral response 8-14 μm
- Laser <1mW / 630-670nm
- °C / °F selection
- Response time 1 second

### IRGUN 500 Package Contents

- IR thermometer
- Battery
- Instruction Manual

### Dimensions

- Color Box : 125 x 55 x 183 mm (4.9" x 2.1" x 7.2")
- Carton Box : 575 x 391 x 275 mm (22.6" x 15.3" x 10.8")
- Amount / Box : 40 PCS





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# **SOLDERS AND TORCHES**

# PPMT

## MICRO BUTANE TORCH



SKU NO.  
**PPMT**



The Micro Torch **PPMT** 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 a torch, 950°F (510°C) when used for soldering.

### Main features

- Sturdy construction
- Electronic ignition system
- Max temperature 1300°C (2400°F)
- Flame adjustment from 12mm to 32mm (1/2'' to 1 1/4'')
- Butane refillable
- Run time of 2 hours between refills

### PPMT Package Contents

- Butane torch
- Micro Torch stand
- Instructions manuals
- Amount / Box : 50 PCS

### Accessories

Look for more info in the accessories chapter.



More information on  
[powerprobe.com](http://powerprobe.com)

# PPBT

## BUTANE TORCH



SKU NO.  
**PPBT**



The Butane Torch **PPBT** 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.

### Main features

- Soldering, brazing
- Plastic forming
- Stubborn fasteners
- Max temperature 1300°C (2400°F)
- Electronic instant ignition system
- Efficient, hand-held or free standing design
- Powerful and adjustable flame
- 45g refillable metal fuel tank
- Run time 60 minutes at full flame
- With safety lock

### PPBT Package Contents

- Butane torch
- Free standing accessory
- Instruction manuals
- Amount / Box : 40 PCS

### Accessories

Look for more info in the accessories chapter.



More information on  
[powerprobe.com](http://powerprobe.com)

# PPSK

## SOLDER KIT



SKU NO.  
**PPSK**



The **Solder Kit PPSK** 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.

### Main features

- 120 Watt 500BTU. Giving you extra power. Get the job done FAST.
- Perfect for Soldering. Heat shrink tip included Can be used for Brazing.
- Long Run Time. Gives you enough time to get repairs done. Great for road side repairs.
- Various Attachments supplied in kit. Great for Plastic Forming. Solder, knife, chisel tip, wedge tip supplied.
- Max High Temperature 499°C (930°F). Uses standard Butane. Heats up FAST.

### PPSK Package Contents

- Soldering Iron
- Rosin Core Solder
- Soldering Tip
- Heat Blower Tip
- Hot Knife Tip
- Chisel Tip
- Wedge Tip
- Heat Shrink Tip
- 8 mm (0.3") Wrench
- 7mm (0.27") Wrench
- Sponge Tray
- Transport Case
- Instruction Manual
- \* Butane not included
- Amount / Box : 50 PCS

### Dimensions

- Carton Box : 261.6 x 38.1 x 114.3 mm (10.3" x 1.5" x 4.5")
- Amount / Box : 50 PCS

### Accessories

Look for more info in the accessories chapter.

### Technical specifications

- Refillable (butane not included)
- Easy start electronic ignition
- Adjustable flame control
- Multiple tips
- Adjustable soldering Temperature (max 500°C/950°F)
- 120W/500BTU
- Long lasting (2h)



More information on  
[powerprobe.com](http://powerprobe.com)

# PS50W

## 50W RECHARGEABLE SOLDERING KIT



SKU NO.  
**PPPS50W**



### Technical specifications

- Rechargeable Lithium Battery Technology (2.500mAH)
- 600°C max soldering temperature
- 50W High Power Output
- Fast charging time 3.5hrs
- 45 min continuous run time
- Micro USB charging
- LED work light
- 5 Twist and lock interchangeable solder tips
- 10 second FAST start

The **Pro-Solder PS50W** is an electric, rechargeable Soldering Iron Kit that is Multifunctional and reaches operating temperature in 10 seconds.

Ideal for quick wiring repairs, whether at home or in the shop.

The Pro-Solder 50 also includes various tip attachments along with a protective blow molded case.

### Main features

- Fuelless
- Wireless
- Excellent low ambient temperature performance -20 °C (-4 °F)
- Cool to touch Housing
- No Heat adjustment required

### PS50W Package Contents

- 50w Rechargeable Soldering Iron
- Point tip 2mm (SKU Number: PS5OPT2)
- Chisel tip 3.2mm (SKU Number: PS5OCT3.2)
- Heat shrink tip (SKU Number: PS5OHST)
- USB Charging Cable
- 10g Lead free solder
- Copper cleaning sponge
- Stand
- Protective Cap
- Blow Mold Case
- Instruction Manual

### Dimensions

- Carton Box : 521 x 309 x 455 mm (20.5" x 12.1" x 17.9")
- Amount / Box : 16 PCS



More information on  
[powerprobe.com](http://powerprobe.com)





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# LIGHTING

# MWL 1000 MODULAR LIGHT



SKU NO.  
**PPMWL1000**



## Technical specifications

- Module Lumens (High, Low) : 250, 125
- Total Light Lumens : 1000
- Lux @ 1m (High, Low): 410, 205
- Beam Distance (High, Low): 40m, 29m
- CRI : > 80
- Constant Current
- Runtime (High, Low): 3h, 6h
- Battery: 3.7V 1800mAh x 4
- Charger: 100-240V, 5V3A
- Charging Time: 3-4 h
- Magnets
- Hook
- Threaded Hole: 1/4"-20

The **ProSeries Modular Work Light** is extremely versatile and can be used as an under-hood light, an Area Spot light or four individual work lights. The light can be mounted in multiple orientations for hands-free use by utilizing the magnets on the side or back of the housing, the threaded hole for mounting to a tripod or the magnets on the back of each individual module as well as the hooks on each module.

## Main features

- Module Lumens (High, Low) : 250, 125
- Total Light Lumens : 1000
- Runtime (High, Low): 3h, 6h
- Magnets
- Hook

## MWL1000 Package Contents

- USB-A to USB-C cable
- Instruction manual

## Dimensions

- Color Box : 468 x 88 x 80 mm (18.4" x 3.4" x 3.1")
- Carton Box : 435 x 194 x 502 mm (17.1" x 7.6" x 19.7")
- Amount / Box : 10 PCS

## Accessories



These Modules are replacement for the MWL1000, each light outputs 125 lumens on low and 250 lumens on high, and has a hook and magnet for mounting  
**PPTK0047**



**More information on  
powerprobe.com**



# MWL 1400 MODULAR LIGHT



SKU NO.  
**PPMWL1400**

**NEW**



The **Pro Series Modular Work Light** is extremely versatile and can be used as an under-hood light, an Area Spot light, or four individual work lights. The light can be mounted in multiple orientations for hands-free use by utilizing the magnets on the side or back of the housing, the threaded hole for mounting to a tripod or the magnets on the back of each individual module as well as the hooks on each module.

## Main features

- Module Lumens (High, Low) : 350, 125
- Total Light Lumens : 1400
- Runtime (High, Low): 3.5h, 10h
- Magnets
- Hook

## MWL1400 Package Contents

- USB-A to USB-C cable
- Instruction manual

## Dimensions

- Color Box : 468 x 88 x 80 mm (18.4" x 3.4" x 3.1")
- Carton Box : 435 x 194 x 502 mm (17.1" x 7.6" x 19.8")
- Amount / Box : 10 PCS

## Accessories



These Modules are replacement for the MWL1400, each light outputs 125 lumens on low and 350 lumens on high, and has a hook and magnet for mounting  
**PPTK0049**



More information on  
[powerprobe.com](http://powerprobe.com)

## Technical specifications

- Module Lumens (High, Low) : 350, 125
- Total Light Lumens : 1400
- Lux @ 1m (High, Low): 570, 205
- Beam Distance (High, Low): 40m, 29m
- CRI : > 80
- Constant Current
- Runtime (High, Low): 3.5h, 10h
- Battery: 3.7V 3,000mAh x 4
- Charger: 100-240V, 3A @ 20V
- Charging Time: 3-4 h
- Magnets
- Hook
- Threaded Hole: 1/4"-20





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# **ACCESSORIES**

## Circuit Testers Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Piercing Probe Kit</b> <ul style="list-style-type: none"> <li>• 1- Yellow 4mm Banana Jack 8-18 AWG (1-3,2mm)</li> <li>• 1 – Green 4mm Banana Jack 20-28 AWG (0,3-0,8mm)</li> </ul>	PPTK0003	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Red Extension Lead</b> <ul style="list-style-type: none"> <li>• Length:3ft(1m)</li> <li>• 4mm Banana Jack</li> </ul>	PPTK0004	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Test Probe Adapter Kit</b>	PPTK0005	PPECT3000 / ECT3000B
	<b>Light Bulb Adapter Connector Kit</b>	PPTK0006	PPECT3000 / ECT3000B
	<b>Universal 4mm Wire/Alligator Clip Connector</b>	PPTK0007	PPECT3000 / ECT3000B / PP4 / MAESTRO
	<b>Battery clip set with batteries</b> <ul style="list-style-type: none"> <li>• One clip-set</li> <li>• One Alligator clip wire</li> <li>• Two AAA batteries</li> <li>• One universal clip wire</li> </ul>	PPTK0008	ECT3000/ECT3000B
	<b>Red Extension Lead</b> <ul style="list-style-type: none"> <li>• Length:1ft(31cm)</li> <li>• 4mm Banana Jack</li> </ul>	PPTK0012	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Red Extension Lead</b> <ul style="list-style-type: none"> <li>• Length:6ft(2m)</li> <li>• 4mm Banana Jack</li> </ul>	PPTK0013	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Plug Adapter Set</b> <ul style="list-style-type: none"> <li>• 4mm Banana Jack (male and female)</li> </ul>	PPTK0014	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Rocker Switch 2 Pack</b>	PPTK0021	PP3 / PP3EZ
	<b>4mm Banana Jack Alligator Clip</b>	PPTK0023	PP4 / MAESTRO
	<b>Replacement tips (2 pack)</b> <ul style="list-style-type: none"> <li>• 4mm banana jack</li> </ul>	PPTK0024	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Clip Set</b>	PPTK0025	PP3 / PP3EZ
	<b>Cigarette lighter adapter</b>	PPTK0026	PP3 / PP3EZ
	<b>20' extension cable</b> <ul style="list-style-type: none"> <li>• Length:20ft(6m)</li> </ul>	PPTK0027	PP3 / PP3EZ

## Circuit Testers Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Switch Latch (2 pack)</b>	PPTK0028	PP3
	<b>20' extension cable</b> • Length:20ft(6m)	PPTK0029	PP4 / MAESTRO
	<b>Circuit Breaker PP4</b> • Self Resetting Circuit Breaker	PPTK0030	PP4 / MAESTRO
	<b>Battery Clip Set PP4</b>	PPTK0031	PP4 / MAESTRO
	<b>Switch Latch PP4</b>	PPTK0032	PP4
	<b>Fuse Cover (2 pack)</b>	PPTK0033	PP4
	<b>Tungsten tip to penetrate through corrosion</b>	PPTRCBINT	PP3 / PP3EZ / PP4 / MAESTRO
	<b>6'' (15cm) Probe Tip</b> • With 4mm banana Jack	PPTK0043	PP3 / PP3EZ / PP4 / MAESTRO
	<b>Motorcycle Battery Adapter</b>	PPTK0044	PP3 / PP3EZ
	<b>Pulse width modulated signal generator</b>	PPPWM	PP3 / PP3EZ / PP4 / MAESTRO
	<b>DC amp reader</b>	PPAMP	PP3 / PP3EZ / PP4 / MAESTRO
	<b>5-Voltreference adapter</b>	PPT5VA	PP3 / PP3EZ / PP4 / MAESTRO

## Multimeters & Clamp Meters Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Test leads +alligator clips</b> • CATIV 600V • Length:5ft(1.5m)	PPTK0001	PPDMM / PPDCM80
	<b>DMM Adapter Extension Lead</b> • Length:10ft(3m)	PPTK0002	PPDMM / PPDCM80
	<b>10A/600 VDC Fuses (3 pack)</b>	PPTK0034	PPDMM
	<b>600mA/600 VDC Fuses (3 pack)</b>	PPTK0035	PPDMM
	<b>Thermocouple (Type-K)</b>	PPTK0036	PPDMM
	<b>Magnetic Hanging Strap</b>	PPTK0037	PPDMM
	<b>30A test lead</b>	PPHCTLPEINT	DMM300AUTO / DM600MAX
	<b>440mA 1000V Fuse</b>	PPSP0001	DM600MAX
	<b>1A 1000V Fuse</b>	PPSP0002	EVTEST
	<b>2A 1000V Fuse</b>	PPSP0003	DM300AUTO
	<b>11A 1000V Fuse</b>	PPSP0004	DM300AUTO/DM600MAX
	<b>30A 1000V Fuse</b>	PPSP0005	DM300AUTO/DM600MAX
	<b>Thermocouple for temperature measurement</b>	PPSP0006	DM600MAX/EVTEST
	<b>PPFUSE Replacement Tips</b>	PPSP0007	PPFUSE
	<b>DM300AUTO Banana Jack Test Lead Set</b>	PPTLDM300AUTO	All multimeters
	<b>DM600MAX Test Lead Set</b>	PPTLDM600MAX	All multimeters

## Solders & Torches Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Solder tip attachment</b>	PPTK0017	PPMT
	<b>Solder tip set</b> <ul style="list-style-type: none"> <li>• One Heat Blower</li> <li>• One Heat Shrink</li> <li>• One Heat Shrink Holder</li> </ul>	PPTK0018	PPMT
	<b>Solder tip set</b> <ul style="list-style-type: none"> <li>• One Hot Knife</li> <li>• One Chisel</li> <li>• One Wedge Type</li> </ul>	PPTK0019	PPSK / PPMT
	<b>Solder Rosen (5 pack)</b>	PPTK0038	PPMT/PPSK
	<b>Heat Shrink Attachment</b>	PPTK0039	PPSK
	<b>Solder Kit Head Assembly</b>	PPTK0040	PPSK
	<b>4 Piece Tip Set</b> <ul style="list-style-type: none"> <li>• One Chisel Tip</li> <li>• One Wedge Tip</li> <li>• One Hot Knife</li> <li>• One Solder Tip</li> </ul>	PPTK0041	PPMT/PPSK
	<b>3.2mm CHISEL TIP</b>	PS50CT3.2	PPPS50W
	<b>5.0mm CHISEL TIP</b>	PS50CT5	PPPS50W
	<b>HOT KNIFE TIP</b>	PS50HK	PPPS50W
	<b>3.2mm HEAT SHRINK TIP</b>	PS50HST	PPPS50W
	<b>2.0mm POINT TIP</b>	PS50PT2	PPPS50W

## EV Electrical Safety Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Remote probe for insulation resistance test (4 poles)</b>	PPISOPROBECBINT	EVTESTER
	<b>Test leads for resistance measurement(4 Wires)</b>	PPCLIP4WCBINT	EVTESTER
	<b>Remote probe for isolation resistance test</b>	PPRPPEINT	INT500
	<b>EVTEST Test Lead Set</b>	PPTLEVTEST	All multimeters

## Other Accessories

	Description	SKU	Compatible Item 's SKUs
	<b>Blow Mold case</b>	PPTK0022	-
	<b>Modular Work Light Replacement Modules</b> • These Modules are replacement for the MWL1000	PPTK0047	MWL1000
	<b>Modular Work Light Replacement Modules</b> • These Modules are replacement for the MWL1400	PPTK0049	MWL1400
	<b>OBD-II Breakout Box Pin Adapters</b>	PPTK0048	PPECB
	<b>TEMPERATURE PROBE</b> • TEMPKIT additional wireless temperature probe	TEMPPROBE	TEMPKIT



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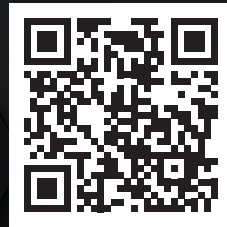
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