

POWER PROBE 4 MASTER COMBO Kit

SKU number(s): PPKIT04

POWER PROBE
THE ULTIMATE IN
AUTOMOTIVE CIRCUIT TESTING

EXCLUSIVE WARRANTY
2
YEAR



The **Power Probe 4 Master Combo Kit** combines the **Power Probe 4** and the **ECT3000** supplied with 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 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 **PPECT3000** 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 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 CONTENTS

- Power Probe 4
- 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
- 3ft Lead
- Self-resetting Circuit Breaker
- AAA Batteries



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PP4 SPECS

- **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 SPECS

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 not signal be detected <15mA
- **Power Consumption When 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

Product Code Information

SKUs	PPKIT04
EAN code	8435394784847
UPC code	878253003143
pcs/box	5