

# PPDCM80

## DIGITAL CLAMP METER

EXCLUSIVE WARRANTY  
**2**  
YEAR



SKU:PPDCM80

The Power Probe Digital Clamp Meter **PPDCM80** 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: AC 600V DC 600V
- CURRENT: AC 80A DC 80A
- DISPLAY 4000 COUNTS
- JAW OPENING Ø24MM
- 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 CONTENTS

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



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### Specs

Spec	Range	Resolution	Accuracy
DC Voltage	4V/40V/400V/600V	1mV/10mV/0.1V/1V	±(0.8%+3)
AC Voltage	4V/40V/400V/600V	1mV/10mV/0.1V/1V	±(1.0%+3)
DC Current	4A/40A/80A	1mA/10mA/0.1A	±(2.5%+5)
AC Current	4A/40A/80A	1mA/10mA/0.1A	±(2.5%+5)
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ	0.1Ω/1Ω/10Ω/0.1kΩ/1kΩ	±(0.8%+3)
	40MΩ	10kΩ	±(1.2%+3)
Capacitance	4nF/40nF/400nF/4μF	1pF/10pF/0.1nF/1nF	±(4.0%+3)
	40μF/400μF4mF/40mF	10nF/0.1μF/1μF/10μF	±(4.0%+3)
Frequency (Clamp)	100Hz/1kHz	0.01Hz/0.1Hz	±(1.5%+5)
Frequency (Voltage)	100Hz/1kHz/10kHz	0.01Hz/0.1Hz/1Hz	±(1.5%+5)
Logic Frequency	10Hz/100Hz/1kHz/10kHz	0.001Hz/0.01Hz/0.1Hz/1Hz	±(0.5%+3)
	100kHz/1MHz/10MHz	0.01kHz/0.1kHz/1kHz	±(0.5%+3)
Duty Cycle	0.5%~99.5%	0.1%	±(3.0%)
Temperature	-20°C~1000°C	1°C	±(3.0%+3)
	-4°F~1832°F	1°F	±(3.0%+3)

#### Features

Display Counts		4000
Jaw Opening		Φ24mm/0.9°
Auto Ranging	Auto & Manual	•
APO	Auto Power Off	•
NCV	Non-Contact Voltage Detector	•
Diode	Open Voltage	3.2V
Continuity Buzzer	<50Ω	•
Data Hold		•
Display Backlight		•
Work Light		•
LBD	Low Battery Display	•

#### General

Power Supply	3x1/5V AAA Batteries
Product Size	195mm x 80mm x 45mm / 7.8" x 3.1" x 1.8"
Product Weight	195g / 0.43lb
Certificate	CE/ETL/RoHS
Safety Rating	CAT III 600V

#### Product Code Information

SKU	PPDCM80
EAN code	8435394777689
UPC code	816724021852
pcs/box	20