

1000A AC WATT CLAMP METER
PC-170A



- V~

AC Voltage
- A~

AC Current
- ☀

Back light
- OL

Over Range Display
- HOLD

Data Hold
- 🔋

Low Battery Indication
- NCV

NCV
- 🌡

Temp
- Hz

Frequency
- 🌙

Sleep Mode
- LOG

Data Logging
- MAX MIN

MAX / MIN Mode
- CAT III

1000V

- FEATURES :
- ✓ 9,999 COUNTS
 - ✓ ACTIVE POWER (750kW), APPARENT POWER (750KVA) REACTIVE POWER 750 (kVAR)
 - ✓ POWER FACTOR 0.3~1 (CAPACITIVE OR INDUCTIVE)
 - ✓ PHASE ANGLE -0°-90° (CAPACITIVE OR INDUCTIVE)
 - ✓ ACTIVE ENERGY 1~9999kWh
 - ✓ TRUE RMS ACV/ACA
 - ✓ LARGE LCD DISPLAY WITH BACKLIGHT
 - ✓ USB INTERFACE, MANUAL DATA MEMORY AND READ (99 SET)
 - ✓ ANALYSIS FOR SINGLE PHASE AND BALANCED 3 PHASE SYSTEMS
 - ✓ AUTO RANGING
 - ✓ DATA LOGGING / RECALL / MAX/MIN MODE / DATA HOLD
 - ✓ FULL ICON DISPLAY
 - ✓ ANALOG BAR GRAPH
 - ✓ JAW SIZE : 55 MM (2.16")

AC VOLTAGE (TRUE RMS)

RANGE	RESOLUTION	ACCURACY
100V	0.1V	±1.2% of rdg ±5 digits
400V		
750V		

AC CURRENT (TRUE RMS)

RANGE	RESOLUTION	ACCURACY
40A	0.1A	±2.0% of rdg ±5 digits
100A		
400A		
1000A	1A	

FREQUENCY

RANGE	RESOLUTION	ACCURACY
50Hz~200Hz	1Hz	±0.5% of rdg ±5 digits

POWER FACTOR

RANGE	RESOLUTION	ACCURACY
0.3~1 (CAPACITIVE OR INDUCTIVE)	0.001	±0.022

PHASE ANGLE

RANGE	RESOLUTION	ACCURACY
0°~90° (CAPACITIVE OR INDUCTIVE)	1°	±2°

ACTIVE ENERGY

RANGE	RESOLUTION	ACCURACY
1~9999K=kWh	0.001kWh	±(3%+2)

TEMP. RANGE

-50°C~1300°C
-58°F~2372°F

ACTIVE POWER VOLTAGE

CURRENT VOLTAGE	VOLTAGE RANGE			ACCURACY	RESOLUTION
	100V	400V	750V		
RANGE	40A	4.00kW	16.00kW	±(3%+5)	<1000kW: 0.01kW 100kW: 0.1kW
	100A	10.00kW	40.00kW		
	400A	40.00kW	160.00kW		
	1000A	100.00kW	400.00kW		

APPARENT POWER

CURRENT VOLTAGE	VOLTAGE RANGE			ACCURACY	RESOLUTION
	100V	400V	750V		
CURRENT RANGE	40A	4.00KVA	16.00KVA	±(3%+5)	<1000KVA: 0.01KVA 100KVA: 0.1KVA
	100A	10.00KVA	40.00KVA		
	400A	40.00KVA	160.00KVA		
	1000A	100.00KVA	400.00KVA		

REACTIVE POWER

CURRENT VOLTAGE	VOLTAGE RANGE			ACCURACY	RESOLUTION
	100V	400V	750V		
CURRENT RANGE	40A	4.00KVAr	16.00KVAr	±(3%+5)	<1000KVAr: 0.01KVAr 100KVAr: 0.1KVAr
	100A	10.00KVAr	40.00KVAr		
	400A	40.00KVAr	160.00KVAr		
	1000A	100.00KVAr	400.00KVAr		

POWER : 9V (6F22) x 1

Dimension	: H270 x W123 x D35 mm • Weight: Approx. 280 g.
Accessories	: Manual, Red Test Lead x 3, Black Test Lead 1, Red Alligator Clip x 3, Black Alligator Clip x 1, USB interface Cable x 1, Software CD x 1, Tool Box, Carrying Case & 9V Battery x 1.
Qty	: 15 Pcs. in a Box.