

PC-170A



Features:

- True RMS Value (Voltage/Current)
- Large LCD Display with Backlight
- USB interface
- True Power/Apparent power/Power factor measurement
- 55mm Jaw opening

AC VOLTAGE (TRUE RMS)

Range	Resolution	Accuracy
100V	0.1V	50Hz-200 Hz: ± 1.2% of rdg + 5 digits
400V		
750V		

AC CURRENT (TRUE RMS)

Range	Resolution	Accuracy
40A	0.1V	50Hz-60 Hz: ± 2% of rdg + 5 digits
100A		
400A		
1000A	1A	

POWER FACTOR

Range	Resolution	Accuracy
0.3 - 1	0.001	± 0.022% of rdg

PHASE ANGLE

Range	Resolution	Accuracy
0° - 90°	1°	± 2% of rdg

ACTIVE ENERGY

Range	Resolution	Accuracy
1-9999kWh	0.001kWh	± 3% of rdg + 2 digits

ACTIVE POWER

Current/ Voltage	Voltages Range				Accuracy	Resolution
	100V	400V	750V			
Range	40A	4.00KW	16.00KW	30.00KW	± 3% of rdg + 5 digits	<1000KW: 0.01 KW 100kW: 0.1KW
	100A	10.00KW	40.00KW	75.00KW		
	400A	40.00KW	160.0KW	300.0KW		
	1000A	100.0KW	400.0KW	750.0KW		

APPARENT POWER

Current/ Voltage	Voltages Range				Accuracy	Resolution
	100V	400V	750V			
Range	40A	4.00KVA	16.00KVA	30.00KVA	± 3% of rdg + 5 digits	<1000KVA: 0.01 KVA 100kW: 0.1KVA
	100A	10.00KVA	40.00KVA	75.00KVA		
	400A	40.00KVA	160.0KVA	300.0KVA		
	1000A	100.0KVA	400.0KVA	750.0KVA		

REACTIVE POWER

Current/ Voltage	Voltages Range				Accuracy	Resolution
	100V	400V	750V			
Range	40A	4.00KVAR	16.00KVAR	30.00KVAR	± 3% of rdg + 5 digits	<1000KVAR: 0.01 KVAR 100kW: 0.1KVAR
	100A	10.00KVAR	40.00KVAR	75.00KVAR		
	400A	40.00KVAR	160.0KVAR	300.0KVAR		
	1000A	100.0KVAR	400.0KVAR	750.0KVAR		

POWER 9V (6F22) X 1

- Standard Accessories : Test Lead, Carrying Case, USB cable
- Dimension : 295(H) x 100(W) x 46(D)mm

PA-172



Features:

- 1Ø/3Ø Power Measurement
- RS-232 Interface
- 50mm Jaw opening

AC VOLTAGE RMS

Range	Resolution	Accuracy
80V	0.1V	± 1.0% of rdg + 5 digits
180V		
400V		
600V	1V	

AC CURRENT RMS

Range	Resolution	Accuracy
20A	0.01A	± 2.0% of rdg + 5 digits
40A		
100A	0.1A	
200A		
450A	1A	
1000A		

SINGLE-PHASE ACTIVE POWER

Range	Resolution	Accuracy
30kW	0.01kW	± 3 % of rdg + 5 digits
60kW		
120kW		
150kW	0.1kW	
300kW		
600kW		

THREE-PHASE ACTIVE POWER

Range	Resolution	Accuracy
3kVA	0.001kVA	± 3 % of rdg + 5 digits
12kVA		
30kVA	0.01kVA	
120kVA		
150kVA	0.1kVA	
600kVA		

POWER FACTOR

Range	Resolution	Accuracy
0.3 - 1 Capacitive	0.001	± 0.02 % of rdg + 2 digits
0.3 - 1 Inductive		

PASSIVE POWER

Range	Resolution	Accuracy
3kVAR	0.001kVAR	± 3 % of rdg + 5 digits
12kVAR		
30kVAR	0.01kVAR	
120kVAR		
150kVAR	0.1kVAR	
600kVAR		

FREQUENCY

Range	Resolution	Accuracy
30Hz - 1kHz	0.1Hz	± 0.5 % of rdg + 1 digits

POWER AA 1.5V X 4

- Standard Accessories : Test Lead, Carrying Case, USB cable
- Dimension : 300(H) x 103(W) x 51(D)mm

