

**PC-170A**



**Features:**

- True RMS Value (Voltage/Current)
- 9999 Count
- Large LCD Display with Backlight
- USB interface
- True Power/Apparent power/ Power factor measurement
- Jaw Open : 55mm

**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, Soft Carrying Case, USB cable & Software, Manual
- Dimension : 295(H) x 100(W) x 46(D)mm

**PA-172**



**Features:**

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

**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	0.1kW	
150kW		
300kW		
600kW		

**THREE-PHASE ACTIVE POWER**

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

**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	0.01kVAr	
30kVAr		
120kVAr	0.1kVAr	
150kVAr		
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, Soft Carrying Case, USB cable & Software, Manual
- Dimension : 300(H) x 103(W) x 51(D)mm

