

Power and Harmonics Clamp Meter |243



Mid Range

243 Series handheld power meters are intelligent, handheld and stable power and harmonics clamp meters, with functions of digital ammeter and power meter. These can measure voltage, current, active/reactive power, power factor, phase angle and more. 243 series can measure single harmonic components up to 20 times. They can be applied in power equipment/supply, circuit measurement, and grid power quality evaluation.

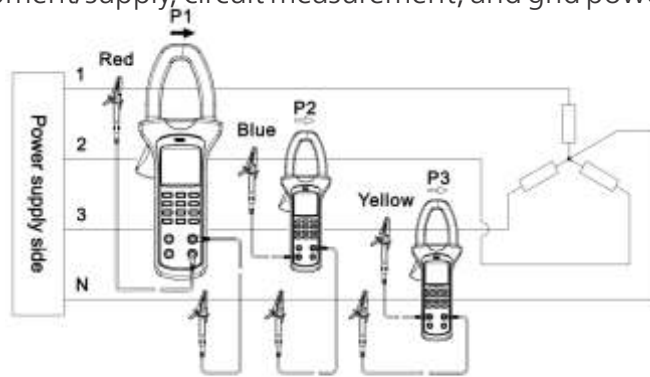


Figure 4 Power measurement of three-phase four-wire system

Specifications :

Specifications	Range	Accuracy
AC current (A)	1000A	±(2%+5)
AC voltage (V)	600V	±(1.2%+5)
Frequency (Hz)	40Hz~80Hz	±(0.5%+5)
Active power (W)	0.01kW~600kW	±(3%+5)
Apparent power (VA)	0.01kVA~600kVA	±(3%+5)
Reactive power (VAr)	0.01kVAr~600kVAr	±(4%+5)
Power factor	0.3~1	±0.022
Phase angle (°)	0°~360°	±2°
Active energy (Wh)	1kWh~9999kWh	±(3%+2)
Features		
Display count		10000
Auto range		√
Jaw opening		50mm
True RMS	AC voltage/AC current	√
Auto power off		√
Low battery indication		√
Data hold		√
MAX/MIN		√
Data storage		999
USB interface		√
LCD backlight		√
Full icon display		√
Harmonic analysis		1~20
Setup		√
Single-phase 2-wire		√
3-phase 3-wire		√
3-phase 4-wire		√
Phase sequence test	Positive phase, reverse phase, phase deficiency	√
Input impedance for DCV		≥5MΩ
Input protection		√
Category Safety Rating	CAT III 600V	
General Characteristics		
Power	1.5V battery (RAA) x 4	
Display	46mm x 42mm	
Product net weight	600 grams	
Product size	303mm x 112mm x 39mm	
Standard accessories	Batteries, test leads, alligator clips, USB interface cable, PC software CD	



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