

FEATURES :

- Easy Plug-in and Test.
- Four Displays of W, PF/VA, V/KHz, A
- True Power, True RMS V, A
- Datalogging of 1012 sets of records (WM-02)
- Auto Range of W and V.
- Light and Portable
- RS-232 Computer Interface
- Software Function-Phase Angel, Apparent Power, Reactive Power, KW/h, KW/day, Month, Year, Energy Cost/KWh, Print Out



ELECTRICAL SPECIFICATIONS:

■ WATT (Auto Range, AC+DC, Crest Factor (5)

Range	Resol.	Accuracy	Input
		0-5KHz	
200	0.1W	9% of rdg±5dgts	0-300V, 0-20A, 0-5KHz PF=0-1
2000	1W	0.9% of rdg±5dgts	0-300V, 0-20A, 0-5KHz PF=0-1

■ VOLTAGE (True RMS, Auto Range, AC+DC, Crest Factor (5)

Range	Resol.	Accuracy(0-5KHz)	Overload Protection
200	0.1V	0.5% of rdg±4dgts	1000VDC/750VAC
750	1V	0.9% of rdg±4dgts	1000VDC/750VAC

■ CURRENT (True RMS, AC+DC, Crest Factor (5)

Range	Resol.	Accuracy(0-5KHz)	Overload Protection
2	0.001A	0.5% of rdg±4dgts	20A, fused
20	0.01A	0.5% of rdg±4dgts	20A, fused

■ PF (Direct Calculation from W, V, A)

$$PF = \text{Watt} / (V \cdot A)$$

■ FREQUENCY (Sensitivity 5V)

Range	Resolution	Accuracy
2K-20MHz	1Hz-10KHz	0.5% of rdg±2dgts

GENERAL SPECIFICATIONS:

Memory Size	:1012 × 4
Memory Type	:Non-volatile
Memory Life	:100,000 times of WRITE
Numerical Display	:3-1/2 digits LCD
Over Range Indication	:OL on LCD
Sampling Rate	:2.5 times/sec.
Power Source	:Eight 1.5V AA batteries
Power Consumption	:22 mA approx.
Operating Temperature	:0-40°C
Operating Humidity	:Less than 80%
Dimension	:352(L)×300(W)×100(H)mm
Weight	:1.637 kg (approx.)
Accessories	:Battery, Manual, RS-232 Cable, Software, Power Cord, DC 12V Adaptor.