

# Watt Meter



## FEATURES

- \* AC/DC Current up to 1000 Amp
- \* Active Power( $VA \cos \theta$ ), Apparent Power (VA), Reactive Power( $VA \sin \theta$ ) and Power factor( $\cos \theta$ )
- \* Surge Mode for Inrush Current Measurement
- \* Power, Current, Voltage, Frequency, and Resistance Measurement
- \* Data Hold, Max/Min, and Crest Factor Reading
- \* MAX Clamp Size :  $\varnothing$  50mm

## GWM-039 (Watt Meter)

SPECIFICATIONS	
<b>DC VOLTAGE</b>	
Range	350V, 600V 2ranges
Accuracy	$\pm$ (1% rdg+5 digit)
Impedance	5M $\Omega$
<b>AC VOLTAGE (45Hz~400Hz) TRUE RMS</b>	
Range	350V, 600V 2ranges
Accuracy	$\pm$ (1% rdg+5digits)
Impedance	5M $\Omega$
<b>DC CURRENT</b>	
Range	35A, 350A, 1000A 3ranges
Accuracy	$\pm$ (1% rdg+5 digits)
<b>AC CURRENT</b>	
Range	35A, 350A, 1000A 3ranges
Accuracy	47Hz~63Hz $\pm$ (1% rdg+5digits)
True Rms	Up ~ 400Hz $\pm$ (2% rdg + 10digits)
<b>RESISTANCE</b>	
Range	3500 $\Omega$
Accuracy	$\pm$ 1%
<b>CONTINUITY BEEPER</b>	
	Buzzer sounds if conductance is less than 30 $\Omega$
<b>FREQUENCY</b>	
Range	10Hz ~ 1kHz
Accuracy	$\pm$ 0.5%
<b>PEAK DETECT</b>	
Range	All ranges except resistance, audible and frequency test.
Accuracy	$\pm$ (3% rdg+5 digits) Acquisition time 150mS for AC , 10mS for DC
<b>ACTIVE POWER (<math>V \times A \times \cos \theta</math>)</b>	
Range	3.5kW,35kW,350kW 3ranges
Accuracy	$\pm$ (2%rdg + 2digits)
<b>APPARENT POWER (<math>V \times A</math>)</b>	
3.5 kVA,35kVA, 350kVA $\pm$ (2%+5digits)	
<b>REACTIVE POWER (<math>V \times A \times \sin \theta</math>)</b>	
3.5 kVar,35kVar, 350kVar $\pm$ (2%+5digits)	
<b>POWER FACTOR (COS<math>\theta</math>)</b>	
3.5kW, 35kW, 350kW 3ranges $\pm$ (3%+2 digits)	
<b>CREST FACTOR</b>	
1~6 range $\pm$ (3%+2digits)	
<b>SURGE MODE</b>	
ACA ranges to capture and retain current surge long enough for reading	

## DISPLAY

3 1/2 digits LCD display

## POWER SOURCE

AAA x 4pcs

## ACCESSORIES

Instruction manual x 1 , Test lead x 1  
Alligator x 1, Carrying case x 1

## DIMENSIONS & WEIGHT

85(W)x43(H)x270(D) mm  
Approx. 700g

## ORDERING INFORMATION

**GWM-039** Clamp Watt Meter