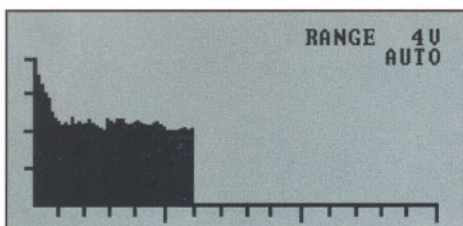


Measurement Power!

Graphical Power Meter

WENS GPM60

- ◆ 128 × 64 pixel Large Graphical Display (4000 Count for Power with 5 digit display for energy Integrator)
EL Back Light - Contrast adjustable Display
- ◆ Direct (1 phase) and Indirect(1 phase or 3 phase) measurement with external Clamp-On Adapter
- ◆ Power measurements
 - True Power (KW)
 - Apparent Power (KVA)
 - Reactive Power (KVAR)
 - Power Factor (Cos θ)
 - Energy Integrator (KWh, KVAh, KVARh)
- ◆ Multimeter measurements
 - True RMS Voltage
 - True RMS Current
 - Frequency (in Voltage mode)
 - Resistance
 - Continuity
- ◆ 8point data memory viewable on the display
- ◆ Record mode - MIN, MAX, and AVG
- ◆ LOW BAT display
- ◆ Safety Compiled to IEC 1010-1



History Graph



WENS

ELECTRICAL SPECIFICATIONS

◆POWER(Indirect)

Function	Range and Resolution	Accuracy
True Power(W), Volts, Ampere, Reactive power	0.0W(VA) to 600KW(KVA)average	AC+DC: $\pm(1.5\%+4\text{dpts})$ +probe tolerance
Energy Integrator	80,000KWh /1 KWh	$\pm(1.5\%\text{rdg}+2\text{dpts})$
Power Factor(COS ϕ)	0.00 to 1.00	± 0.04 to $\pm 0.03(0.30$ to $0.89)$ $\pm 0.02(0.90$ to $1.00)$
AC Voltage	600V	$\pm(0.5\%\text{rdg}+5\text{dpts})$
High-current	400A(External)	Precise external Clamp on adapter is recommended
	1000A(External)	

◆POWER(Direct)

Function	Range and Resolution	Accuracy
True Power(W), Volts, Ampere, Reactive power	0.0W(VA) to 4KW(KVA)average	AC+DC: $\pm(1.5\%+4\text{dpts})$
Power Factor(COS ϕ)	0.00 to 1.00	± 0.04 to $\pm 0.03(0.30$ to $0.89)$ $\pm 0.02(0.90$ to $1.00)$
AC Voltage	600V	$\pm(0.5\%\text{rdg}+5\text{dpts})$
AC current	15A(Internal)	$\pm(1.0\%\text{rdg}+5\text{dpts})$

◆AC VOLT(auto/manual):True RMS

Range	Resolution	Accuracy	Impedance	Overload Protection
4V	1mV	$\pm(0.5\%+5\text{dpts})$ (40Hz-1kHz)	10M Ω	1000V DC or AC peak within 10sec
40V	10mV			
400V	100mV			
600V	1V			

◆AC CURRENT(Manual):True RMS


Range	Resolution	Accuracy	Overload Protection
15A	10mA	$\pm(0.75\%+5\text{dpts})$ (40Hz-1kHz)	250V 20A Fused
1000A	1A		External Adapter

◆Resistance(auto/manual)

Range	Resolution	Accuracy	Overload Protection
400 Ω	0.1 Ω	$\pm(0.5\%+5\text{dpts})$	500V DC or AC peak within 10sec
4k Ω	1 Ω		
40k Ω	10 Ω		
400k Ω	100 Ω		
4M Ω	1k Ω		

◆Continuity Test:Below 60 Ω

GENERAL SPECIFICATIONS

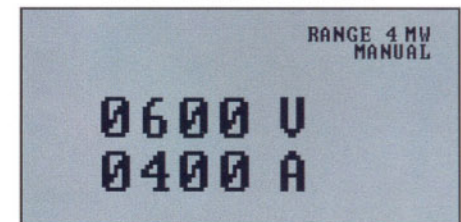
Display	: 128 \times 64 pixel Graphical Display (4000 count for power, 5digit for Energy Integrator)
Low Battery	:  displayed
Date Hold	: HOLD displayed
Operating Temp	: 0 $^{\circ}$ C to 50 $^{\circ}$ C, 1-70% RH
Storage Temp	: -20 to 60 $^{\circ}$ C, 0-80% RH with Battery Removed
Power	: AC Adapter with Internal charger Rechargeable MH battery pack 6 \times AA Alkaline Batteries
Dimensions	: 92(W) \times 192(L) \times 55(D)m/m / 3.6"(W) \times 7.6"(L) \times 2.16"(D)inch
Net weight	: 450g(1lb)
STANDARD Accessory	: AC POWER Adapter with Internal charger Test Leads, Holster Case, Operator manual
OPTIONAL Accessory	: Clamp-On Adapter Rachargeable MH Battery Pack



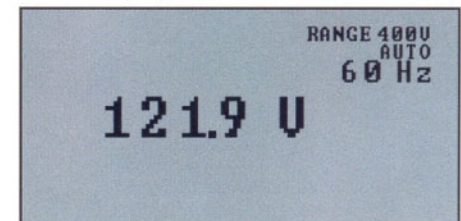
Apparent Power measurement



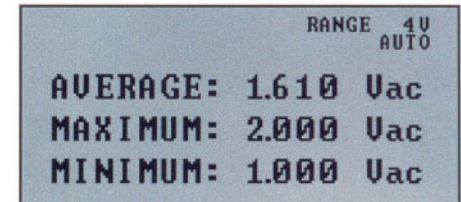
True Power measurement



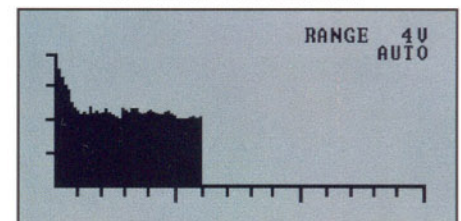
V.A display at Power measurement



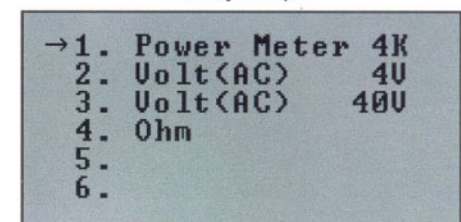
AC Voltage



MINIMAX/AVG Function



History Graph



Record Display

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Specifications are subject to change without prior notice