

ENERGY METER CALIBRATION GF112

GF112

Handheld Single Phase Standard Meter

GF112 portable single phase standard meter is with human oriented design, hand-held and lightweight. It is suit for electric power departments, measuring and quality examining departments and electric lab to field use. It is capable of testing various types single phase meters on site and can also be used for testing alternating current parameters.



Features

1. Field test kinds of inductive, electronic single phase meter
2. Measurement error, voltage, current, power, power factor and frequency at site
3. LCD color display, English menu, direct viewing and convenient
4. Equip with RS232 to connect with PC
5. With built-in 5A load
6. Energy accumulation function
7. Large capacity storage device for mass memory
8. With 2pcs clamp CT to test ratio of current transformer (option)

Parameters

Electrical parameters	
Active power measurement accuracy	0.3%, 0.5%
Energy measurement accuracy	0.3%, 0.5%
Power supply	AC 110-264V 50/60Hz
Warming-up time	<5min
Power consumption	≤5VA
Voltage measurement	
Range	0-264V
Accuracy	0.30%
Current measurement	
Range	10mA-40A or 10mA-120A
Accuracy	0.3%

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Electrical parameters - continued	
Phase measurement	
Range	0°-359.9°
Resolution	0.1°
Accuracy	0.5°
Frequency measurement	
Range	45-65Hz
Resolution	0.01Hz
Accuracy	0.05Hz
Power factor measurement	
Range	0.4000 ~ +1.0000
Resolution	0.001
Accuracy	0.01
Electric energy pulse output	
Pulse constant	900
Energy pulseinput	
Input range of pulse constant	1-25000
Pulse input level	5V
Mechanical parameters	
Dimensions (WxDxH) (mm)	185x67x30
Weight (kg)	1 (mains) 2 (appendix and bag)
Environmental conditions	
Working temperature	-10°C to 50°C
Working humidity	5%- 85%RHD
Storage temperature	-25°C to 70°C
Storage humidity	5% -95%RHD