

پتروفرهان گستر جنوب

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- Low battery indication: battery symbol is appears on the LCD.
- Auto power OFF: If the meter is idle for more than 15 minutes, the meter automatically turns the power off.
- Sampling rate: 2 times/s
- Power supply: 1.5V battery (AAA type) x 3pcs.
- Operating temperature & Humidity: 0°C to 40°C; <80%
- Storage temperature & Humidity: -10°C to 50°C; <70%RH
- Dimension (L x W x H) & Wight · 260 x 92 x 55mm; Approx. 400g

3-2. Electrical Specification

[1] AC Current

Range	Resolution	Accuracy	
40mA	0.01mA	(50 ~ 60Hz)	(30~50Hz,60~10KHz)
400mA	0.1mA	±(1%rdg+8dgt)	No available
4A	1mA		
40A	10mA		
400A	100mA		
600A	1A	±(1.5%rdg+3dgt)	

[2] AC Voltage

Range	Resolution	Accuracy	
400mV	0.1mV	(50 ~ 60Hz)	(30~50Hz,60~10KHz)
4V	1mV	±(0.8%rdg+5dgt)	±(2%rdg+10dgt)
40V	10mV		
400V	0.1V		
600V	1V		

[3] DC Voltage

Range	Resolution	Accuracy	Input impedance
400mV	0.1mV	±(0.7%rdg+3dgt)	10MΩ
4V	1mV		
40V	10mV		
400V	0.1V		
600V	1V	±(0.8%rdg+5dgt)	

[4] Frequency & Duty cycle measurement

The meter is may be measuring the frequency and duty cycle in the AC current range or AC voltage range by press the 'Hz/%' push key. Frequency range is 1Hz to 2KHz in the current range, and then 1Hz to 100KHz in the voltage range.

(4-1) Current measurement range

Range	Resolution	Accuracy	Over load protection
10Hz	0.001Hz	±(2%rdg+5dgt)	250V DC or AC rms (by PTC protection circuit)
100Hz	0.01Hz	±(1.5%rdg+5dgt)	
1000Hz	0.1Hz		
2kHz	1Hz		
>2kHz		No available	
f to 99%	0.1%	±3%	

***Sensitivity is >AC 10mA(rms)

(4-2) Voltage measurement range

Range	Resolution	Accuracy	Over load protection
10Hz	0.001Hz	±(2%rdg+5dgt)	250V DC or AC rms (by PTC protection circuit)
100Hz	0.01Hz	±(1.5%rdg+5dgt)	
1000Hz	0.1Hz		
10kHz	1Hz		
100kHz	10Hz	±(2%rdg+5dgt)	
>100kHz		No available	
f to 99%	0.1%	±3%	

***Sensitivity is >AC 0.1V (rms)

[5] Resistance

Range	Resolution	Accuracy	Over load protection
400Ω	0.1Ω	±(1%rdg+2dgt)	250V DC or AC rms (by PTC protection circuit)
4KΩ	1Ω		
40KΩ	10Ω		
400KΩ	0.1KΩ		
4MΩ	1KΩ		
40MΩ	10KΩ	±(2%rdg+5dgt)	