

# پتروفرهان گستر جنوب

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## MASTECH®

- Input polarity indication: automatically display "-" symbol.
- Power supply: AAA 1.5Vx2 batteries.
- Dimension(LxWxH): 150x74x48mm
- Weight: about 230g.

### Accuracy Indicators

Accuracy:  $\pm$ (% of reading + digits) with one year of warranty.

Reference conditions: environmental temperature is from 18°C~28°C, relative humidity is not more than 80%.

### DC Voltage

Measuring range	Resolution	Accuracy
6V	0.01V	$\pm$ (0.5% of reading+3 digits)
60V	0.1V	
600V	1V	

Input impedance: 10M $\Omega$

Maximum input voltage: 600V DC or AC (RMS)

Measuring range: 1V~600V DC

Max input voltage: up to 600V for no more than 60 seconds.

### AC Voltage

Measuring range	Resolution	Accuracy
6V	0.01V	$\pm$ (0.8% of reading+5 digits)
60V	0.1V	
600V	1V	

Input impedance: 10M $\Omega$

Maximum input voltage: 600V DC or AC (RMS)

Measuring range: 1V~600V AC

Max input voltage: up to 600V for no more than 60 seconds.

Frequency response:45Hz~65Hz

## MASTECH®

### Resistance

Measuring range	Resolution	Accuracy
2K $\Omega$	0.001K $\Omega$	$\pm$ (0.8% of reading+3 digits)
20K $\Omega$	0.01K $\Omega$	
200K $\Omega$	0.01K $\Omega$	
2M $\Omega$	0.001M $\Omega$	$\pm$ (1.0% of reading+5 digits)
10M $\Omega$	0.01M $\Omega$	

Overload protection:600V DC or AC (RMS)

Measuring range: 0 $\Omega$ ~10M $\Omega$

### Continuity Measurement

Function	Measuring range	Resolution	Accuracy
o))	When built-in buzzer sounds, the resistance to be tested is less than 40 $\Omega$		Open circuit voltage: about 0.4V

- Open circuit voltage: approx. 0.4V

- Overload protection: 600V DC or AC (RMS)

- Measuring range: 0 $\Omega$ ~10M $\Omega$

### Frequency

Through grade HZ/DUTY:

Measuring range	Resolution	Accuracy
60Hz	0.1Hz	$\pm$ (1.0% of reading+5 digits)
600Hz	1Hz	
3kHz	10Hz	

- Overload protection:600V AC RMS

- The input voltage range: $\geq$ 2V (input voltage will increase when the frequency to be measured increases).

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