

BS61**3 3/4 digits auto range 400A AC mini clamp meter**

Features:

- 3 3/4 Digits large LCD display
- DC Voltage 400V to 600V
- AC Voltage 400V to 600V
- AC Current 40A to 400A
- Resistance 400Ω to 40MΩ
- Frequency 4kHz to 40MHz
- Continuity test
- Low Battery Warning
- Auto Power Off
- Data Hold
- CE-EMC & LVD CATIII 600V

**General Specifications**

Display	: 3 3/4 digits LCD with max. reading of 3999
Polarity	: Automatic, (-) negative polarity indication.
Zero adjustment	: Automatic.
Over range indication	: Only the MSD “OL” is displayed.
Power	: 2 batteries x 1.5V IEC LR3 AAA or equivalent.
Dimension	: 64 (W) x 195 (H) x 30 (D) mm.
Weight	: Approx. 240 g (including battery).

**Electrical Specification**

Accuracies are \pm (% of reading + number of least significant digits) at 23°C \pm 5°C, less than 75%RH

DC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400V	0.1V	\pm (1.0% Read. +3dgt)	10M Ω	660V DC/AC rms
600V	1V			

AC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400V	0.1V	\pm (1.5% Read. +5dgt)	10M Ω	660V DC/AC rms
600V	1V			

Frequency range: 50-500Hz

AC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	\pm (2.0% Read. + 10dgt)	600A rms (60 second)
400A	0.1A		

Frequency range: 50-60Hz

Resistance Measurement

Range	Resolution	Accuracy	Open circuit voltage	Overload Protection
400 Ω	0.1k Ω	\pm (1.0% Read. + 5dgt)	<1.5V	600A rms (60 second)
4k Ω	0.001k Ω	\pm (1.0% Read. + 3dgt)	<0.45V	
40k Ω	0.01k Ω			
400k Ω	0.1k Ω			
4M Ω	0.001M Ω			
40M Ω	0.01M Ω	\pm (3.0% Read. + 3dgt)		



Frequency Measurement

Range	Resolution	Accuracy	Overload Protection
4kHz	0.001kHz	±(0.8% Read. + 3dgt)	600V DC/AC rms <30 sec.
40kHz	0.01kHz		
400kHz	0.1kHz		
4MHz	0.001MHz		
40MHz	0.01MHz		

Continuity Test

Range	Buzzer sounds when resistance value < 40Ω	Open circuit voltage	Overload Protection
•))		1.5V	250V DC/AC rms

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