

BS62

3 3/4 digits auto range 400A AC/DC clamp meter

Features:

- 3 3/4 Digits large LCD display
- DC Voltage 400mV to 600V
- AC Voltage 400mV to 600V
- DC Current 40A to 400A
- AC Current 40A to 400A
- Resistance 400Ω to 40MΩ
- 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
400mV	0.1mV	\pm (0.8% Read. +3dgt)	100M Ω	660V DC/AC rms
4V	0.001V		11M Ω	
40V	0.01V		10M Ω	
400V	0.1V	\pm (1.0% Read. +2dgt)	10M Ω	
600V	1V			

AC Voltage Measurement

Range	Resolution	Accuracy	Input Impedance	Overload Protection
400mV*	0.1mV	\pm (1.0% Read. +3dgt)	100M Ω	660V DC/AC rms
4V*	0.001V		11M Ω	
40V**	0.01V		10M Ω	
400V**	0.1V	\pm (1.2% Read. +3dgt)	10M Ω	
600V**	1V			

****Frequency range: 40-60Hz**

****Frequency range: 50-500Hz**

DC Current Measurement

Range	Resolution	Accuracy	Overload Protection
40A	0.01A	\pm (2.5% Read. + 10dgt)	600A rms
400A	0.1A		(60 second)

AC Current Measurement

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

Frequency range: 50-60Hz



Resistance Measurement

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

Continuity Test

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

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