

AG1800 series High Precision and High Safety Analogue Multimeter - CATIII 600V



General Features:

- Smart modern appearance design to match with BS1800 digital series
- 20 ranges with 7 functions
- DCV and ACV
- DCA up to 10A
- ACA up to 10A (AG1803)
- Resistance
- Continuity test
- LED test
- Battery test (AG1801)
- Decibel values
- High safety protection for resistance measurement
- Separated battery compartment and Tilt stand
- CATIII 600V CE-EMC & LVD according to EN61010-1

Due to our policy of continual product development we reserve the right to amend the specifications of all mentioned products without notice.

AG1801

High Precision and High Safety Analogue Multimeter with Continuity, Battery Test and DC 10A Measurement

Features:

- 20 ranges with 7 functions
- Analogue mirror scale
- Single switch operation
- DC Voltage measurement up to 500V
- AC Voltage measurement up to 500V
- DC current measurement up to 10A
- Resistance measurement up to 20M Ω
- 1.5V and 9.0V battery test
- Decibel test -10 ~ +22dB
- Continuity test
- Fast Acting 500mA and 10A fuse protected
- Conforms to EN61010-1 CAT III 600V, CE-EMC & LVD



Accessories:

- User's manual
- Test lead
- 1 x 9V NEDA and 2 x 1.5V AAA batteries

GENERAL SPECIFICATION

Display	Analogue Display with Mirror Scale
Scale Length	63mm
Dimension	156(L) x 86 (W) x 42 (D) mm
Power	1 x 9V NEDA and 2 x 1.5V AAA batteries
Net Weight	Approx. 320 g (including battery)

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TECHNICAL SPECIFICATION

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

	Range	Sensitivity	Accuracy	Overload Protection
DC Voltage	0.1V	20k Ω /V	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	2.5V			
	10V			
	50V			
	250V			
	500V			

	Range	Sensitivity	Accuracy	Overload Protection
AC Voltage	10V	9k Ω /V	\pm (4.0% of full scale)	Fast 500mA/500V Fuse
	50V			
	250V			
	500V			

Frequency response: 20~400Hz

	Range	Accuracy	Overload Protection
DC Current	50 μ A	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	5mA		
	500mA		
	10A		Fast 10A/500V Fuse

	Range	Accuracy	Overload Protection
Resistance	Ω x1	\pm (3.0% of arc)	Fast 500mA/500V Fuse
	Ω x10		
	Ω x100		
	Ω x1k		
	Ω x10k		

	Range	Buzzer	Overload Protection
Continuity	Ω x1	Buzzer sound when <50 Ω	Fast 500mA/500V Fuse

AG1802

High Precision and High Safety Analogue Multimeter with Continuity, LED Test and DC 10A Measurement

Features:

- 20 ranges with 7 functions
- Analogue mirror scale
- Single switch operation
- DC Voltage measurement up to 500V
- AC Voltage measurement up to 500V
- DC current measurement up to 10A
- Resistance measurement up to 20M Ω
- LED test
- Decibel test -10 ~ +22dB
- Continuity test
- Fast Acting 500mA and 10A fuse protected
- Conforms to EN61010-1 CAT III 600V, CE-EMC & LVD



Accessories:

- User's manual
- Test lead
- 1 x 9V NEDA and 2 x 1.5V AAA batteries

GENERAL SPECIFICATION

Display	Analogue Display with Mirror Scale
Scale Length	63mm
Dimension	156(L) x 86 (W) x 42 (D) mm
Power	1 x 9V NEDA and 2 x 1.5V AAA batteries
Net Weight	Approx. 320 g (including battery)

TECHNICAL SPECIFICATION

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

	Range	Sensitivity	Accuracy	Overload Protection
DC Voltage	0.1V	20k Ω /V	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	0.5V			
	2.5V			
	10V			
	50V			
	250V			
	500V			

	Range	Sensitivity	Accuracy	Overload Protection
AC Voltage	10V	9k Ω /V	\pm (4.0% of full scale)	Fast 500mA/500V Fuse
	50V			
	250V			
	500V			

Frequency response: 20~400Hz

	Range	Accuracy	Overload Protection
DC Current	50 μ A	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	2.5mA		
	25mA		
	500mA		
	10A		Fast 10A/500V Fuse

	Range	Accuracy	Overload Protection
Resistance	Ω x1	\pm (3.0% of arc)	Fast 500mA/500V Fuse
	Ω x10		
	Ω x100		
	Ω x1k		
	Ω x10k		

	Range	Buzzer	Overload Protection
Continuity	Ω x1	Buzzer sound when $<50\Omega$	Fast 500mA/500V Fuse

AG1803

High Precision and High Safety Analogue Multimeter with Continuity, LED Test and DC/AC 10A Measurement

Features:

- 20 ranges with 7 functions
- Analogue mirror scale
- Single switch operation
- DC Voltage measurement up to 500V
- AC Voltage measurement up to 500V
- DC current measurement up to 10A
- AC current measurement 10A
- Resistance measurement up to 20M Ω
- LED test
- Decibel test -10 ~ +22dB
- Continuity test
- Fast Acting 500mA and 10A fuse protected
- Conforms to EN61010-1 CAT III 600V, CE-EMC & LVD



Accessories:

- User's manual
- Test lead
- 1 x 9V NEDA and 2 x 1.5V AAA batteries

GENERAL SPECIFICATION

Display	Analogue Display with Mirror Scale
Scale Length	63mm
Dimension	156(L) x 86 (W) x 42 (D) mm
Power	1 x 9V NEDA and 2 x 1.5V AAA batteries
Net Weight	Approx. 320 g (including battery)

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TECHNICAL SPECIFICATION

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

	Range	Sensitivity	Accuracy	Overload Protection
DC Voltage	0.1V	20k Ω /V	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	2.5V			
	10V			
	50V			
	250V			
	500V			

	Range	Sensitivity	Accuracy	Overload Protection
AC Voltage	10V	9k Ω /V	\pm (4.0% of full scale)	Fast 500mA/500V Fuse
	50V			
	250V			
	500V			

Frequency response: 20~400Hz

	Range	Accuracy	Overload Protection
DC Current	50 μ A	\pm (3.0% of full scale)	Fast 500mA/500V Fuse
	2.5mA		
	25mA		
	250mA		
	10A		Fast 10A/500V Fuse

	Range	Accuracy	Overload Protection
AC Current	10A	\pm (4.0% of full scale)	Fast 10A/500V Fuse

	Range	Accuracy	Overload Protection
Resistance	Ω x1	\pm (3.0% of arc)	Fast 500mA/500V Fuse
	Ω x10		
	Ω x100		
	Ω x1k		
	Ω x10k		

	Range	Buzzer	Overload Protection
Continuity	Ω x1	Buzzer sound when <50 Ω	Fast 500mA/500V Fuse

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