

## PEN-TYPE DIGITAL MULTIMETER

### MS8212A / MS8223A



Specifications		MS8212A	MS8223A
Specifications	Range	Accuracy	
DC Voltage	200mV/2V/20V/200V/600V	±(0.7%+2)	±(0.7%+2)
AC Voltage	200mV/2V/20V/200V	±(0.8%+3)	±(0.8%+3)
	600V	±(1.0%+3)	±(1.0%+3)
DC Current	20mA/200mA	±(1.5%+3)	±(1.5%+3)
AC Current	20mA/200mA	±(2.0%+3)	±(2.0%+3)
Resistance	200Ω	±(1.0%+3)	±(1.0%+3)
	2KΩ/20KΩ/200KΩ/2MΩ	±(1.0%+1)	±(1.0%+1)
	20MΩ	±(1.0%+5)	±(1.0%+5)
<b>Features</b>			
Display	counts	2000	2000
Auto Ranging	Auto & Manual	●	●
APO	Auto Power Off	●	●
NCV	Non-Contact AC Voltage Detection: >50V AC	●	●
Logic Test	0~1.5V (Green LED on)	●	●
	1.5V~3.5V (Green & Red LED off)	●	●
	3.5V~5V (Red LED on)	●	●
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
MAX	Maximum Value Hold	●	●
Data Hold		●	●
Work Light		●	●
LBD	Low Battery Display	●	●
Housing	Double Molding	●	●
<b>General</b>			
Power Supply	2×1.5 AAA Batteries	●	●
Product Size	238×43×29mm / 9.37×1.7×1.1"	●	●
	225×52×40mm / 8.86×2.0×1.58"	●	●
Product Weight	112g/0.28lb	●	●
	138g/0.3lb	●	●
Model Number	MS8212A		MS8223A
Order Ref. Number	MS8212ACE10	MS8212AETL08	MS8223ACE10
	MS8223AETL08		
Safety Rating	CAT III 600V		CAT III 600V
	CE		CE
	ETL		ETL

● Feature Difference



#### MS8212A

**VOLTAGE** AC 600V  
DC 600V

**CURRENT** AC 200mA  
DC 200mA



#### MS8223A

**VOLTAGE** AC 600V  
DC 600V

**CURRENT** AC 200mA  
DC 200mA



**NEW**