



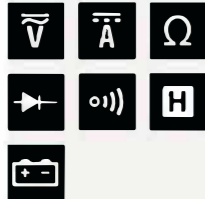
### DIGITAL MULTIMETER

#### MS8233A / MS8233B / MS8233C

##### MS8233A

VOLTAGE DC 600V  
AC 600V

CURRENT DC 10A



EMC LVD



#### Specifications MS8233A MS8233B MS8233C

Specifications	Range	MS8233A	MS8233B	MS8233C
DC Voltage	200mV/2V/20V/200V/600V	±(0.5%+3)	±(0.5%+3)	±(0.5%+3)
AC Voltage	200V/600V	±(1.2%+10)	±(1.2%+10)	±(1.2%+10)
DC Current	200µA/2mA/20mA/200mA 10A	±(1.0%+3) ±(3.0%+5)	±(1.0%+3) ±(3.0%+5)	±(1.0%+3) ±(3.0%+5)
Resistance	200Ω/2KΩ/20KΩ/200KΩ/2MΩ/20MΩ	±(0.8%+4)	±(0.8%+4)	±(0.8%+4)
Temperature	-20°C~1000°C / -4°F~1832°F			±(2%+2)

Features	MS8233A	MS8233B	MS8233C
Display	counts	2000	2000
NCV	Non-contact Voltage Detection	●	●
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
Data Hold		●	●
Display Backlight		●	●
LBD	Low Battery Display	●	●

General	MS8233A	MS8233B	MS8233C
Power Supply	1x9V/6F22 Battery		
Product Size	140mmx67mmx30mm/5.5"x2.6"x1.2"		
Product Weight	192g/0.42lb		
Model Number	MS8233A	MS8233B	MS8233C
Order Ref. Number	MS8233AE08	MS8233BE08	MS8233CE08
Safety Rating	CAT II 600V	CAT III 600V	CAT II 600V
	CE(EMC+LVD)	CE(EMC+LVD)	CE(EMC+LVD)

● Feature Difference



##### MS8233B

VOLTAGE DC 600V  
AC 600V

CURRENT DC 10A



##### MS8233C

VOLTAGE DC 600V  
AC 600V

CURRENT DC 10A



### DIGITAL MULTIMETER

#### MS8233D / MS8233E / MS8233Z

EMC LVD



#### Specifications MS8233D MS8233E MS8233Z

Specifications	Range	MS8233D	MS8233E	MS8233Z
DC Voltage	200mV/2V/20V/200V/600V	±(0.5%+2)	±(0.5%+3)	
AC Voltage	200mV/2V/20V/200V 600V 400mV/4V/40V/400V/600V	±(0.8%+2)		±(0.5%+2)
DC Current	200µA/2mA/20mA/200mA 400µA/4mA/40mA/400mA 10A	±(1.5%+3) ±(1.5%+3)	±(1.0%+3) ±(3.0%+5)	±(1.0%+3) ±(1.0%+3)
AC Current	200µA/2mA/20mA/200mA 400µA/4mA/40mA/400mA 10A	±(1.5%+3) ±(1.5%+3)	±(1.5%+3) ±(3.0%+5)	±(1.2%+4) ±(1.2%+4)
Resistance	200Ω/2KΩ/20KΩ/200KΩ 400Ω/4KΩ/40KΩ/400KΩ 4MΩ/40MΩ	±(0.8%+2) ±(1.0%+2)	±(0.8%+4) ±(1.0%+2)	±(0.8%+2) ±(1.0%+2)
Capacitance	4nF/40nF/400nF/4µF/40µF/200µF			±(3.0%+3) ±(1.5%+5)
Frequency	0.1~10MHz			±(1.5%+5)
Duty Cycle	1%~99%			●
Temperature	-20°C~1000°C 0°F~50°F 50°F~750°F 750°F~1832°F -4°F~1832°F		±(3.0%+3) ±(3.0%+3) ±(5.0%+4) ±(1.5%+3) ±(3.0%+3)	±(3.0%+3) ±(3.0%+3) ±(1.5%+3) ±(3.0%+3)

Features	MS8233D	MS8233E	MS8233Z
Display	counts	2000	2000
Autoranging	Auto & Manual	●	●
APO	Auto Power Off	●	●
NCV	Non-contact Voltage Detection	●	●
Diode	1.48V	2.7V	1.48V
Continuity Buzzer	<100Ω	<50Ω	<100Ω
Data Hold		●	●
MAX	Maximum Measurement	●	●
Display Backlight		●	●
LBD	Low Battery Display	●	●

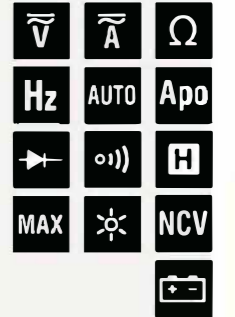
General	MS8233D	MS8233E	MS8233Z
Power Supply	1x9V/6F22 Battery		
Product Size	140mmx67mmx30mm/5.5"x2.6"x1.2"		
Product Weight	192g/0.42lb		
Model Number	MS8233D	MS8233E	MS8233Z
Order Ref. Number	MS8233DC15L	MS8233EC15L	MS8233ZC15L
Safety Rating	CAT III 600V	CAT III 600V	CAT III 600V
	CE(EMC+LVD)	CE(EMC+LVD)	CE(EMC+LVD)

● Feature Difference

##### MS8233D

VOLTAGE DC 600V  
AC 600V

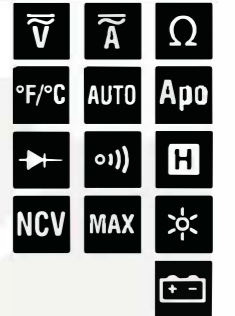
CURRENT DC 10A  
AC 10A



##### MS8233E

VOLTAGE DC 600V  
AC 600V

CURRENT DC 10A  
AC 10A



##### MS8233Z

VOLTAGE DC 600V  
AC 600V

CURRENT DC 10A  
AC 10A

