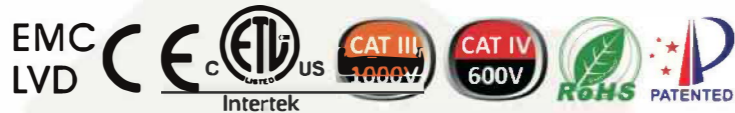


DIGITAL MULTIMETER MS8251A / MS8251B / MS8251C



MS8251A

VOLTAGE DC 1000V
AC 1000V

CURRENT DC 10A
AC 10A



MS8251B

TRMS Low Z



MS8251C

VOLTAGE DC 1000V
AC 1000V

CURRENT DC 10A
AC 10A



Specifications	Range	Accuracy
DC Voltage	400mV	±(0.8%+3)
	4V/40V/400V	±(0.5%+5)
	1000V	±(0.8%+3)
	660mV	±(0.8%+3)
AC Voltage	6.6V/66V/660V	±(0.5%+5)
	1000V	±(0.8%+3)
	400mV(40~60Hz)	±(1.5%+5)
	4V/40V(40~400Hz)	±(1.2%+5)
	400V/1000V(40~400Hz)	±(1.0%+3)
	660mV(40~60Hz)	±(1.5%+5)
DC Current	6.6V/66V(40~400Hz)	±(1.2%+5)
	660V/1000V(40~400Hz)	±(1.0%+3)
	400/4000μA/40/400mA	±(1.0%+5)
	660/6600μA/66/660mA	±(1.5%+5)
AC Current	10A	±(2.0%+5)
	400/4000μA/40/400mA	±(2.0%+5)
	660/6600μA/66/660mA	±(1.5%+5)
	10A	±(3.0%+5)
Resistance	400Ω/4/40/400kΩ/4MΩ	±(0.8%+5)
	40MΩ	±(1.5%+5)
	660Ω/6.6/66/660kΩ/6.6MΩ	±(0.8%+5)
	66MΩ	±(1.5%+5)
Capacitance	4nF	±(4.0%+5)
	40/400nF/4/40/400μF	±(3.0%+3)
	4mF/40mF	±(4.0%+5)
	6.6nF	±(4.0%+5)
Frequency (V position)	66/660nF/6.6/66/660μF	±(3.0%+3)
	6.6mF/66mF	±(4.0%+5)
	40/400Hz/4/10kHz	±(1.5%+5)
	66/660Hz/6.6/10kHz	±(1.5%+5)
Frequency (Hz position)	400kHz/4/40MHz	±(1.5%+5)
	66/660Hz/6.6/66/660kHz/6.6/66MHz	±(1.5%+5)
Duty Cycle	1%~99%	±2.0%
Temperature	0~1000°C/32~1832°F	±(1.0%+3)
Features		
Display	counts	6600
Auto Ranging		•
Manual Ranging		•
APO	Auto Power Off	•
REL	Relative Measurement	•
True RMS	True Root Mean Square	•
Low Z	Low Impedance Input mode	•
NCV	Non-contact Voltage Detection	•
Diode	1.5V	1.5V
Continuity Buzzer	<50Ω	•
MAX/MIN		•
Data Hold		•
LBD	Low Battery Display	•
Display Backlight		•
General		
Power Supply	1x9V/6F22 Battery	
Product Size	175mm×85mm×52mm/6.9"×3.3"×2.1"	
Product Weight	420g/0.92lb	
Safety Rating	CE(EMC+LVD) ETL CAT.III 1000V CAT.IV 600V RoHS	

● Feature Difference



DIGITAL MULTIMETER MS8340A / MS8340B



Specifications	Range	Accuracy
DC Voltage	600mV/6V	±(0.5%+3)
	60V/600V/1000V	±(0.8%+3)
	220mV	±(0.05%+3)
AC Voltage	2.2V/22V/220V/1000V	±(0.05%+3)
	6V/60V/750V(50Hz)	±(1.0%+4)
	6V/60V/750V(2kHz)	±(2.0%+3)
DC mV	2.2V/22V/220V/700V(40~400Hz)	±(0.8%+4)
	220mV(40~400Hz)	±(0.05%+3)
AC mV	220mV(40~400Hz)	±(0.8%+4)
	600uA/6mA/60mA/600mA/10A	±(1.2%+4)
DC Current	220uA/2200uA/22mA/220mA/10A	±(0.8%+4)
	600uA/6mA/60mA/600mA	±(1.5%+3)
AC Current	10A	±(2.0%+3)
	220uA/2200uA/22mA/220mA	±(1.0%+3)
Resistance	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ	±(1%+2)
	220Ω/2.2KΩ/22KΩ/220KΩ	±(0.8%+2)
Capacitance	2.2MΩ/22MΩ/220MΩ	±(0.8%+2)
	40nF/400nF	±(3.0%+2)
Frequency	40n4uF/40uF/400uF	±(3.5%+2)
	22nF/220nF/2.2uF/22uF/220uF/2.2mF/220mF	±(2.5%+3)
Duty Cycle	1Hz~10MHz	±(0.2%+3)
	22Hz/220Hz/2.2kHz/22kHz/220kHz	±(0.2%+3)
Temperature	1%~99%	±1%
	14°F~1292°F	±(2%+4)
Special Functions		
LCD Display	counts	6000
Auto Ranging	Auto & manual	•
APO	Auto Power Off	•
REL	Relative Measurement	•
PEAK	Peak Measurement	•
LPF	1KHz Low Pass Filter	•
Diode	2.8V	•
Continuity Buzzer	<30Ω	•
MAX/MIN		•
Data Hold		•
True RMS		•
Display Backlight		•
LBD	Low Battery Display	•
USB Interface	Windows OS	•
General		
Power Supply	4x1.5V AA Batteries	
Product Size	205mm×102mm×58mm/8.1"×4.0"×2.2"	
Product Weight	390g/0.86lb	
Safety Rating	CE(EMC+LVD) GS CAT. III 1000V	

● Feature Difference



MS8340A

VOLTAGE DC 1000V
AC 750V

CURRENT DC 10A
AC 10A

V~, A~, Ω, Hz%, °F/°C, AUTO, Apo, LPF, MAX MIN, REL, True-RMS, Low Z



MS8340B

VOLTAGE DC 1000V
AC 700V

CURRENT DC 10A
AC 10A

V~, A~, Ω, Hz%, AUTO, Apo, PEAK, MAX MIN, REL, USB, True-RMS, Low Z