

**MASTECH®****DIGITAL MULTIMETERS****DIGITAL MULTIMETER**  
**MS8340A / MS8340B****MS8340A****VOLTAGE** AC 750V  
DC 1000V**CURRENT** AC 10A  
DC 10A

V A Ω

Hz% °F/°C

AUTO REL LPF

MAX MIN

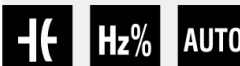
Apo

+

EMC  
LVD**Specifications**

MS8340A MS8340B

Specifications	Range	Accuracy	
DC Voltage	600mV	±(0.5%+3)	
	6V/60V/600V/1000V	±(0.8%+3)	
	220mV		±(0.05%+3)
AC Voltage	2.2V/22V/220V/1000V		±(0.1%+3)
	6V/60V/750V(50Hz)	±(1.0%+4)	
	6V/60V/750V(2kHz)	±(2.0%+3)	
DC Current	220mV/2.2V/22V/220V/700V(50Hz)		±(0.8%+4)
	220mV/2.2V/22V/220V/700V(2kHz)		±(2.5%+3)
	600uA/6mA/60mA/600mA/10A	±(1.2%+4)	
AC Current	220uA/2200uA/22mA/220mA/10A		±(1.0%+4)
	600uA/6mA/60mA/600mA	±(1.5%+3)	
	10A	±(2.0%+3)	
Resistance	220uA/2200uA/22mA		±(1.5%+3)
	220mA/10A		±(1.8%+3)
	600Ω/6KΩ/60KΩ/600KΩ/6MΩ/60MΩ	±(1%+2)	
	220Ω/2.2KΩ/22KΩ/220KΩ		±(0.8%+2)
	2.2MΩ/22MΩ/220MΩ		±(1.0%+2)
	10nF/100nF		±(3.0%+2)

**MS8340B****VOLTAGE** AC 700V  
DC 1000V**CURRENT** AC 10A  
DC 10A**USB**

Capacitance	40nF/400nF	±(3.5%+2)	
	22nF/220nF/2.2µF/22µF/220µF/ 2.2mF/22mF/220mF		±(2.5%+3)
Frequency	0~10MHz	±(0.2%+3)	
	0~220MHz		±(0.2%+3)
Duty Cycle	5%~95%	±1%	±1%
Temperature	-10°C~700°C	±(2%+2)	
	14°F~1292°F	±(2%+4)	
<b>Special Functions</b>			
LCD Display	counts	6000	<b>22000</b>
Auto Ranging	Auto & manual	●	●
APO	Auto Power Off	●	●
REL	Relative Measurement	●	●
PEAK	Peak Measurement		●
LPF	1KHz Low Pass Filter	●	
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
MAX/MIN		●	●
Data Hold		●	●
True RMS			●
Display Backlight		●	●
LBD	Low Battery Display	●	●
USB Interface	Windows OS		●
<b>General</b>			
Power Supply	4×1.5V AA Batteries		
Product Size	205mm×102mm×58mm/8.1"×4.0"×2.2"		
Product Weight	390g/0.86lb		
Safety Rating	CE GS CAT. III 1000V		

● Feature Difference