

DIGITAL AC/DC CLAMP METER MS2138/MS2138R

MS2138

JAW SIZE
Φ40mm/1.6"

VOLTAGE AC 600V
DC 600V

CURRENT AC 1000A
DC 1000A

AUTO
Apo
REL



Features:

- ▶ Big Jaw Size up to Φ40mm/1.6"
- ▶ 4000 Counts Digital LCD Display
- ▶ Measures AC/DC Current up to 1000A
- ▶ Work Light and Back Light
- ▶ True RMS for AC Current and Voltage (MS2138R)
- ▶ Tests AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency and Duty Cycle
- ▶ Diode Check and Continuity Test
- ▶ MAX/MIN, Data Hold and Auto Power Off

EMC
LVD



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 TRMS



Specifications

Specifications	Range	MS2138 Accuracy	MS2138R Accuracy
DC Voltage	400mV/4V/40V/400V	±(0.7%+3)	±(0.7%+3)
	600V	±(0.8%+2)	±(0.8%+2)
AC Voltage	4V/40V/400V	±(0.8%+3)	±(0.8%+3)
	600V	±(1%+4)	±(1%+4)
DC Current	40A/400A/1000A	±(3.0%+6)	±(3.0%+6)
AC Current	40A/400A/1000A	±(2.5%+6)	±(2.5%+6)
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ	±(0.8%+3)	±(0.8%+3)
Resistance	40MΩ	±(1.2%+3)	±(1.2%+3)
	40nF/400nF/4μF/40μF/400μF/4000μF	±(4.0%+5)	±(4.0%+5)
Frequency (From Clamp)	0~1KHz	±(1.5%+5)	±(1.5%+5)
Frequency (From Plug)	0~10MHz	±(0.5%+3)	±(0.5%+3)
Duty Cycle	10%~90%	±3.0%	±3.0%
Features			
Display	counts	4000	4000
Jaw Opening		Φ40mm/1.6"	Φ40mm/1.6"
Auto Ranging		●	●
Manual Ranging		●	●
Auto Power Off		●	●
Diode	2.7V	●	●
Continuity Buzzer	<50Ω	●	●
REL	Relative measurement	●	●
Data Hold		●	●
Low Battery Display		●	●
Display Backlight		●	●
Work Light		●	●
True RMS	True root mean square measurement		●
General			
Power Supply	3x1.5V AAA Batteries		
Product Size	222mmx86mmx32mm/8.74"×3.38"×1.26"		
Product Weight	323g/0.71lb		
Safety Rating	CE CAT.III 600V RoHS		