

MS2138R**MS2138****MASTECH®****DIGITAL AC/DC CLAMP METER**

V DC 600V
AC 600V

Ø 40mm/1.6"

A DC 1000A
AC 1000A



MS2138 MS2138R			
Specifications	Range	Resolution	Accuracy
DC Voltage	400mV	0.1mV	±(1.0%+2)
	4V/40V/400V	0.001V/0.01V/0.1V	±(0.7%+2)
	600V	1V	±(0.8%+2)
AC Voltage	400mV/4V/40V/400V	0.0001V/0.001V/0.01V/0.1V	±(0.8%+3)
	600V	1V	±(1.0%+4)
DC Current	40A/400A/1000A	0.01A/0.1A/1A	±(3.0%+6)
AC Current	40A/400A/1000A	0.01A/0.1A/1A	±(2.5%+6)
Resistance	400Ω/4kΩ/40kΩ/400kΩ	0.1Ω/0.001kΩ/0.01kΩ/0.1kΩ	±(0.8%+3)
	4MΩ/40MΩ	0.001MkΩ/0.1MΩ	±(1.2%+3)
Capacitance	40nF/400nF/4μF	0.01nF/0.1nF/0.001μF	±(4.0%+5)
	40μF/400μF/4000μF	0.01μF/0.1μF/1μF	±(4.0%+5)
Frequency (A)	100Hz/1kHz	0.01Hz/0.1Hz	±(1.5%+5)
	>1kHz	0.001kHz	Reference
Frequency (V)	100Hz/1kHz/10kHz	0.01Hz/0.1Hz/0.001kHz	±(1.5%+5)
	>10kHz	0.01kHz	Reference
Frequency (Hz/Duty)	10Hz/100Hz/1kHz/10kHz	0.001Hz/0.01Hz/0.1Hz/1Hz	±(0.5%+2)
	100kHz/1MHz/10MHz	0.01kHz/0.1kHz/0.001MHz	±(0.5%+2)
Duty Cycle	0.1%~99%	0.1%	±3.0%
Features			
Display	counts		4000
Jaw Opening			Φ40mm/1.6"
Auto Ranging	Auto & Manual		•
APO	Auto Power Off		•
Diode	Open Voltage		2.8V
Continuity Buzzer	<50±20Ω		•
REL	Relative Measurement		•
Data Hold			•
LBD	Low Battery Display		•
Display Backlight			•
Work Light			•
Bar Graph			•
True RMS	True Root Mean Square		•
General			
Power Supply	3×1.5V AAA Batteries		
Product Size	222mm×86mm×32mm/8.74"×3.38"×1.26"		
Product Weight	323g/0.71lb		
Certificate	RoHS		
Safety Rating	CAT III 600V		

Accessories Included

- Test leads
- Carry bag
- Battery and User's manual

