

DIGITAL AC/DC CLAMP METER WITH TEMPERATURE MS2140C

Specifications

MS2140C

Specifications	Range	Accuracy
DC Voltage	600mV/6V/60V/ 600V/1000V	±(0.5%+3)
AC Voltage	600mV/6V/60V/ 600V/1000V	±(0.8%+3)
DC Current	60A/1000A	±(1.8%+10)
AC Current	60A/1000A	±(2.5%+10)
Resistance	600Ω/6KΩ/60KΩ/600KΩ	±(0.8%+3)
	6MΩ/60MΩ	±(1.2%+3)
Capacitance	6nF	±(5%+5)
	60nF/600nF/6μF/60μF/ 600μF/6mF/60mF	±(4%+5)
Frequency	A 60Hz/600Hz/6kHz	±(1.5%+5)
	V 60Hz/600Hz/6kHz/60kHz	±(1.5%+5)
	Hz 60Hz/600Hz/6kHz/60kHz/ 600kHz/6MHz/60MHz	±(0.3%+5)
Duty Cycle	0.1%~99.9%	±0.3%
Temperature (K-T)	-40°C~-10°C	±(1.0%+0.8)
	-40°F~-14°F	±(1.0%+0.8)
	-10°C~500°C	±(5.0%+1.5)
	-14°F~932°F	±(5.0%+3.3)
Temperature (IR-T)	-20°C~0°C	±3.5%
	-4°F~32°F	±6.5%
	0°C~350°C	±(2.5%+3)
	-32°F~662°F	±(2.5%+5)
DC μA Current	200.0μA/2000μA	±(1.0%+5)
AC μA Current	200.0μA/2000μA	±(1.0%+5)

Features

Dual Display	counts	6000
Jaw Opening	Φ40mm/1.6"	●
Auto Ranging	Auto & Manual	●
APO	Auto Power Off	●
NCV	Non-Contact Voltage Detector	●
Diode	2.7V	●
Continuity Buzzer	<50Ω	●
MAX/MIN		●
Data/Inrush Hold		●
Display Backlight		●
Work Light		●
Bar Graph	Segments Bar Graph	●
REL	Relative Measurement	●
LBD	Low Battery Display	●
K-T	K-Type Thermocouple	●
IR-T	Infrared Thermometer	●
Sampling Time	300 msec	●
IR D:S	6:1	●
IR Emissivity	Fixed 0.95	●

General

Power Supply	3x1.5V AAA Batteries
Product Size	222mmx86mmx32mm/8.74"x3.38"x1.26"
Product Weight	420g/0.92lb
Safety Rating	CE ETL CAT II 1000V / CAT III 600V RoHS



MS2140C

JAW SIZE

Φ40mm/1.6"

VOLTAGE AC 1000V
DC 1000VCURRENT AC 1000A
DC 1000AEMC
LVD