

# MINI CLAMP METER

## CL-2053



AC/DC Current	AC / DC Voltage
Capacitance	Data Hold
True RMS	Resistance
VFC Measurement	Low Current Measurement
Continuity	Back light
NCV Function	Diode
Auto Power Off	Zero Mode / Rel. Measurement
Low Battery Indication	Over Range Display

### FEATURES :

- 1,999 COUNTS
- JAW SIZE 17 MM
- DATA HOLD
- TRUE RMS
- NCV
- DIODE
- V.F.C MODE
- CONTINUITY
- BACKLIGHT
- ZERO MODE / REL. MEASUREMENT
- AUTO RANGE
- AUTO POWER OFF

- Maximum faulty operation protection voltage between input terminal and earthing is 600V
- Maximum overload protection for clamp head terminal: 100A
- Maximum display : 2000 Counts, upadets 2-3 times per second.
- Diode : Approx 3.2V
- Range : Automatic (Exclusive of electricity gear)
- Polarity : Automatic

### DC VOLTAGE

RANGE	RESOLUTION	ACCURACY
200mV	0.1 mV	±(0.7%+5)
2V	1mV	±(0.7%+3)
20V	10mV	
200V	100mV	
600V	1V	

### AC VOLTAGE

RANGE	RESOLUTION	ACCURACY
2V	1mV	±(1.0% +3)
20V	10mV	
200V	100mV	±(1.0% +3) V.F.C. mode: ±(4.0%+3)
600V	1V	±(1.2% +3) V.F.C. mode: ±(4.0%+3)

### RESISTANCE

RANGE	RESOLUTION	ACCURACY
200Ω	0.1Ω	±(1.0%+2)
2KΩ	1Ω	
20KΩ	10Ω	
200KΩ	100Ω	
2MΩ	1kΩ	±(1.2%+3)
20MΩ	10kΩ	

### DC CURRENT

RANGE	RESOLUTION	ACCURACY
2A	1mA	±(2.0% +8)
20A	10mA	±(2.0% +3)
100A	100mA	±(2.0% +3)

### AC CURRENT

RANGE	RESOLUTION	ACCURACY
2A	1mA	±(3.0% +10) V.F.C. mode: ±(4.0%+10)
20A	10mA	±(2.5% +8) V.F.C. mode: ±(4.0%+10)
100A	100mA	±(2.5% +5) V.F.C. mode: ±(4.0%+10)

### CAPACITANCE

RANGE	RESOLUTION	ACCURACY
2nF	1pF	±(4.0%+10)
20nF~200uF	10pF~100nF	±(4.0%+5)
2mF~20mF	1uF~10uF	±10%

### ))) CIRCUIT ON-OFF, → DIODE MEASUREMENT

RANGE	RESOLUTION	REMARKS
)))	0.1 Ω	Resistance value for circuit disconnect: >150Ω Buzzer makes no sound; Resistance value for circuit conduct: <10Ω Buzzer beeps continuously.
→	1mV	Open circuit voltage is 3.2V; normal voltage for silicon PN junction is 0.5~0.8v

### POWER : 1.5V AAA x 2

<b>Dimension</b>	: H175 x W60 x D33.5 mm
<b>Weight</b>	: Approx 170 gms.
<b>Accessories</b>	: Test leads, User Manual, Probe assemblies 1 pair, Carry Case & Battery