

# Data sheet

## ICM 134

### Clamp Meter

#### FEATURE:

- 4000 count digital display
- Backlit, large scale display
- AC 600 Amps capability
- DC 4000  $\mu$  Amps capability
- AC 750 Volts capability
- DC 1000 Volts capability
- 40 Ohms Resistance capability
- Continuity beeper
- Display hold
- Diode test
- Capacitance measurement up to 4mF
- Temperature measurement
- Auto power off
- Up to 32mm Dia. (750 MCM) conductor
- 4 feet drop proof
- Hand guard & stream line designed
- Deluxe carrying case
- Convenient battery door
- CAT.III 600V/CAT.II 1000V Safety standard

**SPECIFICATION:**(All at 23°C  $\pm$ 5°C,  $\leq$ 80% R.H.)

#### DC/AC Voltage

Range	Input Impedance	Overload Protection	Accuracy
4V, 40V, 400V, 1000V DC	$\geq 1M\Omega$	1000V DC or AC Peak	$\pm(0.9\%+2\text{dgt})$
4V, 40V, 400V, 750V DC	10M $\Omega$ // < 100pF	750V rms	$\pm(1.5\%+5\text{dgt})$ 50Hz~500Hz

**Resolution:** 1mV

**Conversion Type:** Average sensing RMS indicating

#### AC Current

Range	Accuracy
400A, 600A	$\pm(1.9\%+1A)$ 50Hz~60Hz

**Resolution:** 0.1A

**Conversion Type:** Average sensing RMS indicating

**Overload Protection:** 600A rms

#### Resistance

Range	Accuracy
400.0 $\Omega$	$\pm(1\%+2\text{dgt})$

4KΩ	±(0.7%+2dgt)
40KΩ	
400KΩ	
4MΩ	±(1%+2dgt)
40MΩ	±(1.5%+2dgt)

**Overload Protection:** 600V rms

**Resolution:** 0.1Ω

**Open Circuit Voltage:** 1.3V approx.

**Diode & Continuity**

**Continuity Tester:** <100Ω approx.

**Indicator:** 2KHz tone buzzer

**Open Circuit Voltage:** 3V max

**Input Protection:** 600V rms

**Capacitance**

Range	Accuracy
4nF	±(3%+20dgt)
40nF, 400nF, 4μF, 40μF, 400μF, 4mF	±(2%+8dgt)

**Resolution:** 1pF

**Overload Protection:** 600V rms


**Temperature**

Range	Accuracy
-40°C~0°C	±(1%+4°C)
0°C~400°C	±(1%+3°C)
-40°F~32°F	±(1%+8°F)
32°F~750°F	±(1%+8°F)
750°F~1000°F	±(2%+8°F)

**Resolution:** 0.1°C/1°F

**Overload Protection:** 600V rms

**General**

<b>Sampling Rate:</b>	1.5 times/sec
<b>Overload Indication:</b>	OL is displayed
<b>Low Battery Indication:</b>	
<b>Auto Power Off:</b>	Approx. 10 minutes after last operation
<b>Operating Temperature:</b>	0°C~30°C (≤80% R.H.), 30°C~40°C (≤75% R.H.), 40°C~50°C (≤45% R.H.)
<b>Storage Temperature:</b>	-20°C~60°C
<b>Temperature Coefficient:</b>	0.2×(spec. Acc’y)/°C <18°C, >28°C
<b>Shock Proof:</b>	4 feet drops
<b>Safety:</b>	IEC 61010-1: CAT.III 600V, CAT.II 1000V
<b>Maximum Conduct Size:</b>	32mm dia.
<b>Maximum Jaw Opening:</b>	35mm dia.
<b>Power Requirement:</b>	Single 9V battery (NEDA 1604 or IEC 6F22)
<b>Battery Life:</b>	400hours(Alkaline)
<b>Size:</b>	84mm(W)×212mm(L)×40mm(H)
<b>Weight:</b>	390g with holster
<b>Accessories:</b>	Battery (installed), Temp. Adaptor, Bead Sensor, Test Leads, Carrying Case and User Manual