



ENGLISH

Datasheet

Stock No. 123-2242

ICM 3091N

AC CLAMP METER



## FEATURES

- 3-3/4 Digital LCD, 4000 count
- NCV function (Non-contact voltage detection)
- Data hold function
- Auto power off (30 minutes)
- Auto ranging

17/10/2016

## ELECTRICAL SPECIFICATIONS

### ☐ AC Current (Auto Range)

Range	Resolution	Accuracy	Frequency Range	Overload protection
40A	0.01A	$\pm(2\%rdg + 10dgts)$	50 / 60Hz	660Arms
400A	0.1A			

### ☐ DC Voltage (Auto Range)

Range	Resolution	Accuracy	Input Impedance	Overload protection
400V	0.1V	$\pm(1\%rdg + 5dgts)$	1M $\Omega$	660Vrms
600V	1V			


### ☐ AC Voltage (Auto Range)

Range	Resolution	Accuracy	Frequency Range	Input Impedance	Overload protection
400V	0.1V	$\pm(1.5\%rdg + 10dgts)$	50 to 60Hz	1M $\Omega$	660Vrms
600V	1V				
400V	0.1V	$\pm(3\%rdg + 15dgts)$	400Hz		
600V	1V				


### ☐ Ohms (Resistance)

Range	Resolution	Accuracy	Overload protection
400 $\Omega$	0.1 $\Omega$	$\pm(1\%rdg + 5dgts)$	660Vrms

### ☐ Continuity beeper

Range	Sound Level	Max Open Circuit Voltage	Overload protection
	$\leq 60\Omega$	0.4	660Vrms

## GENERAL SPECIFICATIONS

<b>Numerical Display</b>	3-3/4 digit liquid crystal display (LCD) maximum reading 3999.
<b>Over Range Indication</b>	LCD will show an "OL".
<b>Low Battery Indication</b>	The  is displayed when the battery voltage drops below the operating voltage
<b>Power Source</b>	Two 1.5V, AA battery
<b>Auto power off</b>	30 minute
<b>Battery Life</b>	Approx. 100hr
<b>Operating Temperature and Humidity</b>	0 to 40°C (32 to 104°F) below 80%RH.
<b>Storage Temperature and Humidity</b>	-10 to 60°C (14 to 140°F) below 70%RH.
<b>Dimensions</b>	192x64x31mm
<b>Weight</b>	Approx. 250 g
<b>Jaw Opening Diameter</b>	Cables 25.4 mm
<b>Accessories</b>	Carrying case, Battery & Instruction Manual, Test Lead.