



## **SERIES 110 GENERAL PURPOSE CLAMP METERS**

### **Product Description**

- Series 110 General Purpose Clamp Meters
- The Series 110 provides the combination of true-RMS(Model115)and average sensing(Model110&Model113)measurements, rugged construction, easy & single-handed operation and reliable performance indispensable to troubleshoot various general electrical problems
- Display 3½ digits,2000 count LCD(110) 3¾ digits,4000 count LCD(113&115)

### **Product Feature**

- CE-mark Certificated
- Conform to IEC 1010-2-032 & UL 3111-1 Safety Standards.
- Rugged, Easy & Single-Handed operational, and Reliable.
- Protective Hand Guard to prevent an accidental contact with conductor.
- Frequency measurement capability.
- Model 110 & 113-Average sensing clamp meter.
- Model 115-True-RMS clamp meter.
- Surge(Transient) voltage protection.
- Model 110-Data hold.
- Model 113 & 115-Peak hold & DC A Zero Adjustment thumbwheel.
- Low-Battery annunciator.
- Maximum conductor size: 38mm(1.5").
- Carrying case included.



### **Application**

- For measuring Current, voltage in home & industry
- Power development associates

### **Other Information**

- CE-mark Certificated.
- Conform to IEC 1010-2-032 & UL 3111-1 Safety Standards.



## Specifications

<b>Measuring functions</b>	<b>110 (accuracy/resolution)</b>	<b>113 (accuracy/resolution)</b>	<b>115 (accuracy/resolution)</b>
True RMS	-	-	✓
Current AC	200/600A (1,5%, 0.1/1A)	400/1000A (2%, 0.1/1A)	400/1000A (2%, 0.1/1A)
Current DC	-	400/1000A (2%, 0.1/1A)	400/1000A (2%, 0.1/1A)
Voltage AC	200/600V (1%, 0.1/1V)	200/600V (1%, 0.1/1V)	200/600V (1%, 0.1/1V)
Voltage DC	-	200/600V (1%, 0.1/1V)	200/600V (0,8%, 0.1/1V)
Resistance	200Ω (1%, 0.1Ω)	400Ω (1%, 0.1Ω)	400Ω (0,8%, 0.1Ω)
Frequency	2kHz (1%, 1Hz)	4MHz (1Hz – 1kHz, 1%)	4MHz (1Hz – 1kHz, 1%)
Holster	✓	✓	✓
Buzzer	✓	✓	✓
Data Hold	✓	-	-
Peak Hold	-	✓	✓

<b>Technical specifications</b>	<b>110</b>	<b>113</b>	<b>115</b>
Display	LCD, 2000 counts, 3 ½ digit	LCD, 4000 counts, 3 ¾ digit	LCD, 4000 counts, 3 ¾ digit
Operating temp.	0 to 45°C	0 to 45°C	0 to 45°C
Storage temp.	-20 to 60°C	-20 to 60°C	-20 to 60°C
Operating humidity	<80% RH	<80% RH	<80% RH
Max. conductor size	38mm	38mm	38mm
Battery type	Single, 9V	Single, 9V	Single, 9V
Battery life	200h	200h	200h
Dimension	208x85x34mm	208x85x34mm	208x85x34mm
Weight	380g	380g	380g
Standard equipment	Clamp meter, test leads, user manual, 9V battery, carry case	Clamp meter, test leads, user manual, 9V battery, carry case	Clamp meter, test leads, user manual, 9V battery, carry case
Warranty	1 year	1 year	1 year