



DT-355

AC True RMS CLAMP METER

- | 3 - $\frac{4}{5}$ Digits 6000 counts Backlit LCD
- | Max./Min. Data Record
- | Data Hold Function
- | Relative Measuring Mode
- | Overload Protection of 1000V AC/DC on all ranges
- | Non Contact Voltage detector
- | Confirms to CE Standards
- | Complies with CAT III 600V
- | Measures AC Current, AC/DC Voltage
- | Also measures Resistance, Capacitance Frequency, Temperature and has Diode and continuity test facility

DT-355

AC True Rms Clamp Meter



Input Limits

Function	Maximum Input
A AC	1000A
V DC, V AC	1000V DC/AC
Frequency, Resistance, Diode, Continuity, Capacitance Test	1000V DC/AC
Temperature (°C/°F)	1000V DC/ AC

Electrical Specifications

Function	Range & Resolution	Accuracy (% of reading)
AC Current (50/60Hz)	600.0 AAC	± (2.8 % + 8 digits)
	1000 AAC	± (3.0 % + 8 digits)
AC Current (400Hz)	600.0 AAC	± (5.0 % + 10 digits)
	1000 AAC	± (5.0 % + 10 digits)
DC Voltage	600.0 mVDC	± (0.8% + 2 digits)
	6.000 VDC	± (1.5% + 2 digits)
	60.00 VDC	
	600.0 VDC	
AC Voltage (50-400Hz)	6.000 VAC	± (1.8% + 8 digits)
	60.00 VAC	
	600.0 VAC	
Resistance	600.0Ω	± (1.0% + 4 digits)
	6.000KΩ	± (1.5% + 2 digits)
	60.00KΩ	
	600.0KΩ	
	6.000MΩ	± (2.5% + 3 digits)
	60.00MΩ	± (3.5% + 5 digits)
Capacitance	40.00nF	± (4.0% reading + 20 digits)
	400.0nF	± (3% reading + 5 digits)
	4.000μF	
	40.00μF	
	400.0μF	± (4.0% reading + 10 digits)
	4000μF	± (5.0% reading + 10 digits)
Frequency Sensitivity: 15Vrms	10-10kHz	± (1.5% reading + 2 digits)
Temperature (type-K) (probe accuracy not included)	-20.0 to 760.0°C	± (3%rdg + 5°C)
	-4.0 to 1400.0°F	± (3%rdg + 9°F)

Contact :

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General Specifications

Clamp size	Opening 1.5" (40mm) approx
Diode Test	Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical.
Continuity Check	Threshold <40
Max./Min.	Records maximum and minimum data
Data Hold	Freezes the displayed data
Relative Measurement	allows reading with respect to a defined values
Test current < 0.5mA	Two "1.5V" batteries
Low Battery Indication	"  is displayed
Overrange Indication	"OL" is displayed
Measurements Rate	2 per second, nominal
Input Impedance	10M Ω (VDC and VAC)
Display	6000 counts Backlit LCD with Analogue Bargraph
AC Current	50-400Hz (AAC)
AC Voltage bandwidth	50-400Hz (VAC)
Operating Temperature	41 to 104°F (5 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	Max 80% up to 87°F (31°C) decreasing linearly to 50% at 104°F (40°C)
Storage Humidity	<80%
Operating Altitude (2000meters)maximum.	7000ft.
Over voltage	Category III 600V
Battery	One 9V Battery
Auto Power Off	approx. 15 minutes
Dimensions/Weight	232 x 77 x 39mm/271g
Safety	For indoor use and in accordance with Overvoltage Category II, Pollution Degree 2. Category II includes local level, appliance, portable equipment, etc., with transient overvoltages less than Overvoltage Cat. III

Accessories

Carrying Case, Temperature Probe (to measure upto 260°C), Testing leads, Battery, Instruction Manual and Test Certificate.

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