

## Digital Clamp Meter

**DE-3511/DE-3512**  
**DE-3513 / DE-3515(RMS)**

### SPECIFICATIONS:

- **Clamp Size:** ∅ 40mm or 10 x 47mm
- **LCD Display:** 3 3/4 Digits LCD With 4300 Counts
- **Sampling Reading Rate:** 2 Times / Sec. Approx.
- **Range:** Automatic & Manual For Selection
- **Auto Power Off:** Approx. 10 Minutes
- **Over Range Protection "OL":** Display on LCD and Beep
- **Low Battery:** Display on LCD
- **Battery:** AM-3 (LR6) AA Alkaline 1.5V x2
- **Applicable Height:** Up To 2000m (above sea level)
- **Applicable Circuit Voltage:** AC 600V or Less
- **Safety Standard:** IEC 61010-1, IEC 61010-2-032 600V CAT III  
Pollution Degree 2

### TEMP. / HUMIDITY:

- **Operation:** 0° ~ 50°C (32°F ~ 122°F) / Below 80% R.H. (no condensation)
- **Storage:** -10° ~ 60°C (14°F ~ 140°F) / Below 70% R.H. (no condensation)

### MEASUREMENT RANGES:

(23°C ± 5°C, 80% R.H. MAX.)

\*Accuracy : ± (%rdg + dgt)      \*N/A : not available      \*40~400Hz

Measurement	Range	Resolution	AVG Accuracy		True RMS Accuracy		Maximum Input Current
			DE-3511	DE-3512	DE-3513	DE-3515	
$\overset{\sim}{A}$ (ACA)	40A	0.01A	1.5% + 8 Peak: 2.5% + 30(Response > 1mSec.)				1100A
	400A	0.1A	1.0% + 5				
	1000A	1A	Peak: 2% + 30(Response > 1mSec.)				

Measurement	Range	Resolution	Accuracy				Maximum Input Current
			DE-3511	DE-3512	DE-3513	DE-3515	
$\overset{\sim}{A}$ (DCA)	40A	0.01A	1.5% + 8				1100A
	400A	0.1A	1.0% + 5				
	1000A	1A					

Measurement	Range	Resolution	AVG Accuracy		True RMS Accuracy		Input Impedance	Maximum Input Voltage
			DE-3511	DE-3512	DE-3513	DE-3515		
$\overset{\sim}{V}$ (ACV)	4V	0.001V	1.0% + 5				11MΩ, <50pF	600V rms
	40V	0.01V						
	400V	0.1V						
	600V	1V					10MΩ, <50pF	

Measurement	Range	Resolution	Accuracy				Input Impedance	Maximum Input Voltage
			DE-3511	DE-3512	DE-3513	DE-3515		
$\overset{\sim}{V}$ (DCV)	4V	0.001V	0.75% + 2				11MΩ	600V
	40V	0.01V						
	400V	0.1V						
	600V	1V					10MΩ	

Measurement	Range	Resolution	Accuracy				Measuring Current	Open-Loop Voltage	Maximum Input Voltage
			DE-3511	DE-3512	DE-3513	DE-3515			
Ω	400Ω	0.1Ω	0.9% + 2				<1mA	<3.4V	600V
	4kΩ	0.001kΩ					<0.5mA	<1.0V	
	40kΩ	0.01kΩ					<70μA		
	400kΩ	0.1kΩ					<7μA	<0.7V	
	4MΩ	0.001MΩ					2% + 2	<0.7mA	
	40MΩ	0.01MΩ					5% + 2	<70nA	

Measurement	Range	Resolution	Accuracy				Open-Loop Voltage	Maximum Input Voltage
			DE-3511	DE-3512	DE-3513	DE-3515		
$\bullet$ (BUZZER)	400Ω	0.1Ω	The buzzer turns on for resistances low than 50Ω ± 25Ω				<3.4V	600V

Measurement	Range	Resolution	AVG Accuracy		True RMS Accuracy		Maximum Input Current
			DE-3511	DE-3512	DE-3513	DE-3515	
Hz	400Hz	0.1Hz	0.5% + 5				1100A
	4000Hz	1Hz					

Measurement	Range	Resolution	Accuracy				Maximum Input Voltage
			DE-3511	DE-3512	DE-3513	DE-3515	
TEMP.	-50° ~ 1100°C (-58° ~ 2010°F)	1°C/2°F	N/A	1.0% + 5	N/A	1.0% + 5	600V
	-50.0° ~ 436.9°C (-58.0° ~ 436.9°F)	0.1°C/0.2°F					

Remarks : The accuracy data for ACA, DCA & Hz of ACA is subject to the conductor to be measured at the center of the iron core (clamp jaw)

DE-3511  
DE-3512  
DE-3513  
DE-3515

Picture: DE-3513

### FEATURES:

- Resolution 0.01A
- Peak Hold (ACA & DCA)
- Data Hold
- Min. / Max. Hold
- Range Hold
- Auto Power Off Selection
- Auto Range & Manual Range
- One Touch To Zero Set (DCA)
- True RMS (3513 & 3515)
- Synchronize Measurement Of Frequency and ACA or ACV (Frequency Can Be Read During Measure ACA or ACV By Pressing "Select" button)
- Temp. (DE-3512 & DE-3515)
- High Accuracy

### DIMENSION & WEIGHT:

- 241(L)x91(W)x45(H)mm (9.49"x3.58"x1.77")
- Approx. 410g(0.9 lbs.) (Including Batteries)

### ACCESSORIES:

- Battery AM-3 (LR6) AA 1.5 V..... 2
- Instruction Manual..... 1
- Test Lead (black + red)..... 1
- Carrying Case..... 1

### OPTIONAL ACCESSORIES:

- Temperature Probe
- Temperature Adaptor (NR-38)
- AC Line Splitter (DE-10ALS)
- \*Applicable to electrical appliances or small current