



## **Hoyt Clamp Meters**

### **Rotary Scale Clamp Meters**

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# Rotary Scale Clamp Meters



## ST-375 Rotary Scale Clamp Meter

### Features

- Designed for measuring AC current, AC voltage resistance and DC voltage.
- Rotary scale which presents only one scale in windows at one time to avoid any possible reading errors.
- Pointer lock function freezes the reading in dimly lit or hard to reach places.
- $\Omega$  range ideal for checking the continuity or relays, transformers and motor coils.

### Specifications

AC A	6 / 15 / 60 / 150 / 300A $\pm 3\%$ of F.S.(50/60Hz)
AC V	300 / 600V $\pm 3\%$ of F.S.
DC V	75V $\pm 3\%$ of F.S.
$\Omega$	2k $\Omega$ $\pm 3\%$ of Scale length
Frequency response:	50 / 60Hz for ACA 6A 50-400Hz for ACA 15 / 60 / 150 / 300A



AL-24-1



CAC-600

### General

Dimensions:	230(L) × 72(W) × 37(D)mm
Conductor size:	38mm Max.
Weight:	Approx. 420g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V EN 61010-2-32

### Accessories

Instruction manual  
Test leads  
Soft pouch



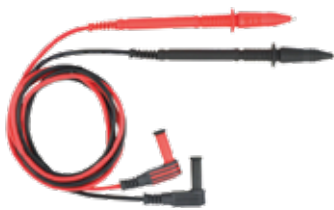
## ST-600 Rotary Scale Clamp Meters

### Features

- Rotary scale which presents only one scale in windows at one time to avoid any possible reading errors.
- Pointer lock function freezes the reading in dimly lit or hard to reach places.
- $\Omega$  range ideal for checking the continuity or relays, transformers and motor coils.

### Specifications

ACA	6 / 30 / 60 / 300 / 600A $\pm 3\%$ of F.S.(50/60Hz)
AC V	150 / 300 / 600V $\pm 3\%$ of F.S.
DC V	---
$\Omega$	2k $\Omega$ $\pm 3\%$ of Scale length
Frequency response:	50 / 60Hz for ACA 6A 50-400Hz for ACA 30 / 60 / 300 / 600A



AL-24-1

### General

Dimensions:	230(L) $\times$ 72(W) $\times$ 37(D)mm
Conductor size:	38mm Max.
Weight:	Approx. 420g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V EN 61010-2-32



CAC-600

### Accessories

Instruction manual  
Test leads  
Soft pouch

## 1010 CL Rotary Scale Clamp Meters

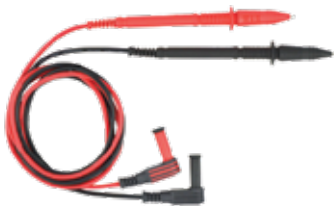


### Features

- Rotary scale which presents only one scale in windows at one time to avoid any possible reading errors.
- Pointer lock function freezes the reading in dimly lit or hard to reach places.
- $\Omega$  range ideal for checking the continuity or relays, transformers and motor coils.
- TAUT BAND movement.

### Specifications

ACA	10 / 30 / 100 / 300 / 1000A $\pm 3\%$ of F.S.(50/60Hz)
AC V	150 / 300 / 750V $\pm 3\%$ of F.S.
DC V	---
$\Omega$	2k $\Omega$ $\pm 3\%$ of Scale length
Frequency response:	50 / 60Hz for ACA 6A 50-400Hz for ACA 30 / 100 / 300 / 1000A



AL-24-1

### General

Dimensions:	227(L) $\times$ 73(W) $\times$ 33(D)mm
Conductor size:	52mm Max.
Weight:	Approx. 450g (battery Included)
Safety standard:	-



CAC-3600 B

### Accessories

Instruction manual  
Test leads  
Ohm test probe  
Soft pouch

## 2940 CL AC Clamp Meter (with DCV function)



### Features

- Pocket size.
- 4000 counts.
- Full automatic measurement: Voltage | Current | Resistor.
- Data hold function.
- Continuity check.
- Diode measurement.
- Select function.
- Low battery indication.
- Auto off function.
- Flashlight (Auto off in 1 minute).

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

Small, lightweight, easy to handle carry & store.

Pocket size

One hand operation



### Specifications

#### ACA

Range	Resolution	Accuracy
400A	0.1A	± (2% rdg+5dgt)
1000A	1A	

#### ACV

Range	Resolution	Accuracy (at 40~500Hz)
4V	1mV	± (1.5% rdg+10dgt)
40V	10mV	± (1.5% rdg+5dgt)
400V	100mV	± (1.5% rdg+5dgt)
750V	1V	± (1.5% rdg+5dgt)

#### DCV

Range	Resolution	Accuracy
4V	1mV	
40V	10mV	
400V	100mV	± (1.0% rdg+5dgt)
1000V	1V	

#### Resistance

Range	Resolution	Accuracy
400Ω	0.1Ω	± (1.5% rdg+3dgt)
4KΩ	1Ω	± (1.5% rdg+3dgt)
40KΩ	10Ω	± (1.5% rdg+3dgt)
400KΩ	100Ω	± (1.5% rdg+3dgt)
4MΩ	1KΩ	± (1.5% rdg+3dgt)
40MΩ	10KΩ	± (2.0% rdg+4dgt)

#### Continuity Test

Range	Audible threshold
400Ω	Less than 25Ω

#### General

Overload Protection	AC V : 750Vrms DC V : 1000V Diode & ohm : 250Vrms
Low battery indication:	Sign appears on the display
Response time:	Approx. 2 times per second
Operating Temp.& Humidity:	0°C to 40°C 80% R.H. Max.
Storage Temp.& Humidity:	0°C to 50°C 80% R.H. Max.
Battery life:	Approx. 100 hours on continuous use
Power source:	CR 2032 (DC 3V) × 1
Dimensions:	183(L) × 62(W) × 20(D)mm
Conductor size:	35mm Max.
Weight:	Approx. 123g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V CAT III 300V EN 61010-2-32 EN 61326-1

## 2950 CL AC Clamp Meter (with DCV function)

### Specifications

#### ACA

Range	Resolution	Accuracy
40A	0.01A	± (2% rdg+5dgt)
400A/1000A	0.1A/1A	(40~200Hz)

#### ACV

Range	Resolution	Accuracy (at 40~500Hz)
4V	1mV	± (1.5% rdg+10dgt)
40V	10mV	± (1.5% rdg+5dgt)
400V	100mV	± (1.5% rdg+5dgt)
750V	1V	± (1.5% rdg+5dgt)

#### DCV

Range	Resolution	Accuracy
4V	1mV	
40V	10mV	
400V	100mV	± (1.0% rdg+5dgt)
1000V	1V	


#### Resistance

Range	Resolution	Accuracy
400Ω	0.1Ω	± (1.5% rdg+3dgt)
4KΩ	1Ω	± (1.5% rdg+3dgt)
40KΩ	10Ω	± (1.5% rdg+3dgt)
400KΩ	100Ω	± (1.5% rdg+3dgt)
4MΩ	1KΩ	± (1.5% rdg+3dgt)
40MΩ	10KΩ	± (2.0% rdg+4dgt)

#### Continuity Test

Range	Audible threshold
400Ω	Less than 25Ω

#### General

Overload Protection	AC V : 750Vrms DC V : 1000V Diode & ohm : 250Vrms
Low battery indication:	 Sign appears on the display
Response time:	Approx. 2 times per second
Operating Temp.& Humidity:	0°C to 40°C 80% R.H. Max.
Storage Temp.& Humidity:	0°C to 50°C 80% R.H. Max.
Battery life:	Approx. 100 hours on continuous use
Power source:	CR 2032 (DC 3V) × 1
Dimensions:	183(L) × 62(W) × 20(D)mm
Conductor size:	35mm Max.
Weight:	Approx. 123g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V CAT III 300V EN 61010-2-32 EN 61326-1



### Features

- Pocket size.
- 4000 counts.
- Full automatic measurement: Voltage | Current | Resistor.
- Data hold function.
- Continuity check.
- Diode measurement.
- Select function.
- Low battery indication.
- Auto off function.
- Flashlight (Auto off in 1 minute).

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

Small, lightweight, easy to handle carry & store.

Pocket size

One hand operation



## 2960 CL True RMS AC Clamp Meter (with DCV function)

### Specifications

#### ACA

Range	Resolution	Accuracy
40A	0.01A	± (2% rdg+5dgt)
400A/1000A	0.1A/1A	(40~200Hz)

#### ACV

Range	Resolution	Accuracy (at 40~500Hz)
4V	1mV	± (1.5% rdg+10dgt)
40V	10mV	± (1.5% rdg+5dgt)
400V	100mV	± (1.5% rdg+5dgt)
750V	1V	± (1.5% rdg+5dgt)

#### DCV

Range	Resolution	Accuracy
4V	1mV	
40V	10mV	
400V	100mV	± (1.0% rdg+5dgt)
1000V	1V	


#### Resistance

Range	Resolution	Accuracy
400Ω	0.1Ω	± (1.5% rdg+3dgt)
4KΩ	1Ω	± (1.5% rdg+3dgt)
40KΩ	10Ω	± (1.5% rdg+3dgt)
400KΩ	100Ω	± (1.5% rdg+3dgt)
4MΩ	1KΩ	± (1.5% rdg+3dgt)
40MΩ	10KΩ	± (2.0% rdg+4dgt)

#### Continuity Test

Range	Audible threshold
400Ω	Less than 25Ω

#### General

Overload Protection	AC V : 750Vrms DC V : 1000V Diode & ohm : 250Vrms
Low battery indication:	 Sign appears on the display
Response time:	Approx. 2 times per second
Operating Temp.& Humidity:	0°C to 40°C 80% R.H. Max.
Storage Temp.& Humidity:	0°C to 50°C 80% R.H. Max.
Battery life:	Approx. 100 hours on continuous use
Power source:	CR 2032 (DC 3V) × 1
Dimensions:	183(L) × 62(W) × 20(D)mm
Conductor size:	35mm Max.
Weight:	Approx. 123g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V CAT III 300V EN 61010-2-32 EN 61326-1



### Features

- True RMS measurement.
- Pocket size.
- 4000 counts.
- Full automatic measurement: Voltage | Current | Resistor.
- Data hold function.
- Continuity check.
- Diode measurement.
- Select function.
- Low battery indication.
- Auto off function.
- Flashlight (Auto off in 1 minute).
- Re-power on by pushing any of the push buttons or by changing the rotary switch mode after auto power off.

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

Small, lightweight, easy to handle carry & store.

Pocket size

One hand operation





## ST-2600 AC Clamp Meter


### Features

- Full auto range for V.A and  $\Omega$  functions.
- Data hold function freezes the reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Safety design throughout with no exposed metal parts. Shielded banana plugs and recessed input terminals.
- Ohm function ideal for checking continuity of relays transformers and motor coils.

### Specifications

AC A	400A	$\pm(2.0\%rdg+3dgt)$ (50/60Hz)
AC V	400 / 600V	$\pm(1.2\%rdg+3dgt)$ (40-500Hz)
$\Omega$	2k $\Omega$	$\pm(1.5\%rdg+3dgt)$

### General

Low battery indication:	 Sign appears on the display
Buzzer sounds:	< 100 $\Omega$
Power source:	9V(6F22) $\times$ 1
Dimensions:	197(L) $\times$ 65(W) $\times$ 33(D)mm
Conductor size:	27mm Max.
Weight:	Approx. 250g (battery Included)
Safety standard:	EN 61010-1 CAT II 600V EN 61010-2-32



AL-24-1



CAC-600

### Accessories

- Instruction manual
- Test leads
- Ohm test probe
- Soft pouch



## ST-3620 AC Clamp Meter


### Features

- 3½ digit liquid crystal display with maximum reading of 1999.
- Over range indication : "1" is displayed on highest digit.
- Low battery indication: "B" sign appears on the display.
- Response time: approx. 1 second.
- Data hold: for all ranges

### Specifications

AC A	200 / 1500A	±(2.0%rdg+4dgt) (40Hz-1kHz)
AC V	200 / 750V	±(1.5%rdg+2dgt) (40Hz-1kHz)
Ω	200Ω	±(1.5%rdg+2dgt)

### General

Low battery indication:	 Sign appears on the display
Buzzer sounds:	< 30Ω
Power source:	9V(6F22) × 1
Peak hold:	√
Current consumption:	Approx. 10mA
Operating Temp.& Humidity:	0°C to 40°C 85% R.H. Max.
Dimensions:	245(L) × 70(W) × 41.7(D)mm
Conductor size:	55mm Max.
Weight:	Approx. 480g (battery Included)

### Accessories

Instruction manual  
 Test leads  
 Soft pouch  
 Battery



AL-24-1



CAC-3600 B

# AC/DC Clamp Meters

## 2660 CL AC/DC Clamp Meter

### Features

- 4000 counts.
- Voltage measurement, current measurement, resistor measurement, frequency counter, capacitor measurement.
- Bargraph indication.
- Range change function.
- Data hold function freezes the reading.
- REL function.
- Peak function.
- Diode measurement.
- Max / Min function.
- Continuity check.
- Low battery indication.
- Auto Power Off (APO) function.
- Safety design throughout with no exposed metal parts, shielded banana plugs and recessed input terminals.

### Specifications



### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

#### DCV Overload protection : 650V DC

Range	Resolution	Accuracy
400mV	0.1mV	
4V	1mV	
40V	10mV	$\pm(1.0\%rdg+3dgt)$
400V	100mV	
600V	1V	

#### ACV Overload protection : 650V AC rms

Range	Resolution	Accuracy (at 40~500Hz)
400mV	0.1mV	$\pm(2.0\%rdg+3dgt)$
4V	1mV	
40V	10mV	$\pm(1.5\%rdg+3dgt)$
400V	100mV	
600V	1V	

- Frequency Response : 0~400mV at 40Hz~120Hz  
4V~600V at 40Hz~500Hz

#### AC Current Frequency Response: 40Hz~500Hz

Range	Resolution	Accuracy
400A	0.1A	$\pm(1.5\%dg+4dgt)$
600A	1A	$\pm(2\%dg+4dgt)$

#### DC Current Frequency Response: 40Hz~500Hz

Range	Resolution	Accuracy
400A	0.1A	$\pm(1.5\%dg+4dgt)$
600A	1A	$\pm(2\%dg+4dgt)$

#### Resistance

Range	Resolution	Accuracy
400 $\Omega$	0.1 $\Omega$	$\pm(1.5\%rdg+3dgt)$
4K $\Omega$	1 $\Omega$	
40K $\Omega$	10 $\Omega$	
400K $\Omega$	100 $\Omega$	$\pm(1.5\%rdg+3dgt)$
4M $\Omega$	1K $\Omega$	
40M $\Omega$	10K $\Omega$	

#### Continuity Test

Range	Audible threshold
400 $\Omega$	Less than 35 $\Omega$

#### Frequency

Range	Resolution	Accuracy
4kHz	1Hz	$\pm(0.3\%rdg+2dgt)$
15kHz	10Hz	


#### Diode

Range	Resolution	Accuracy
2V	1mV	$\pm(1.5\%rdg+3dgt)$

#### Capacitor

Range	Resolution	Accuracy
4nF	1pF	$\pm(2.5\%rdg+4dgt)$
40nF	10pF	
400nF	100pF	$\pm(2.0\%rdg+4dgt)$
4 $\mu$ F	1nF	
40 $\mu$ F	10nF	
400 $\mu$ F	100nF	$\pm(2.5\%rdg+4dgt)$
4mF	1 $\mu$ F	
40mF	10 $\mu$ F	$\pm(3.0\%rdg+4dgt)$

#### General

Sample rate	Approx. 2 times per second
Over range indication	"O.L." indicated
Operating principle	Dual slope integration
Low battery indication:	 Sign appears on the display
Response time:	Approx. 1 second
Operating Temp.& Humidity:	0°C to 50°C 80% R.H. Max.
Storage Temp.& Humidity:	-10°C to 60°C 80% R.H. Max.
Battery life:	Approx. 100 hours on continuous use
Power source:	One type 6F22 (or equivalent), 9V manganese.
Dimensions:	210(L) × 90(W) × 40(D)mm
Conductor size:	35mm Max.
Weight:	Approx. 330g (battery Included)
Safety standard:	EN 61010-1 CAT III 600V EN 61326-1

## ST-3600 AC/DC Clamp Meter



### Features

- 3½ digit LCD with maximum reading of 1999.
- Over range indication : "1" is displayed on highest digit.
- Low battery indication: "B" sign appears on the display.
- Response time: approx. 1 second.
- Data hold: for all ranges

### Specifications

AC A	200 / 1500A	±(2.0%rdg+4dgt) (40Hz-1kHz)
AC V	200 / 750V	±(1.5%rdg+2dgt) (40Hz-1kHz)
DC A	200 / 1500A	±(2%rdg+4dgt)
DC V	20 / 200 / 1000V	±(1%rdg+2dgt)
Ω	200 / 1500Ω	±(1.5%rdg+2dgt)
Diode check	0-1500mV	±(1.5%rdg+2dgt)

### General

Buzzer:	----
Current consumption	Approx. 10mA
Operating Temp.& Humidity:	0°C to 40°C 85% R.H. Max.
Power source:	9V(6F22) × 1
Dimensions:	245(L) × 70(W) × 41.7(D)mm
Conductor size:	55mm Max.
Weight:	Approx. 480g (battery Included)

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## ST-3602 AC/DC Clamp Metes



### Features

- 3½ digit LCD with maximum reading of 1999.
- Over range indication : "1" is displayed on highest digit.
- Low battery indication: "B" sign appears on the display.
- Response time: approx. 1 second.
- Data hold: for all ranges

### Specifications

AC A	200 / 1500A	±(2.0%rdg+4dgt) (40Hz-1kHz)
AC V	200 / 750V	±(1.5%rdg+2dgt) (40Hz-1kHz)
DC A	200 / 1500A	±(2.0%rdg+4dgt)
DC V	200 / 1000V	±(1.0%rdg+2dgt)
Ω	200 / 1500Ω	±(1.5%rdg+2dgt)
Diode check	0-1500mV	±(1.5%rdg+2dgt)

### General

Buzzer	Resistance is less than 100Ω
Current consumption	Approx. 10mA
Conductor size	55mm Max.
Operating Temp.& Humidity	0°C to 40°C 85% R.H. Max.
Power source:	9V(6F22) × 1
Dimensions:	245(L) × 70(W) × 41.7(D)mm
Conductor size:	55mm Max.
Weight:	Approx. 480g (battery Included)

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## 3800 CL AC/DC Clamp Meter



### Features

- Full auto range for V.A and  $\Omega$  functions.
- Data hold function freezes the reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Safety design throughout with no exposed metal parts. Shielded banana plugs and recessed input terminals.
- Ohm function ideal for checking continuity of relays transformers and motor coils.

### Specifications

AC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$ (40-500Hz)
AC V	400V / 600V	$\pm(1.0\%rdg+3dgt)$ (40-500Hz)
DC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$
DC V	400V / 600V	$\pm(0.75\%rdg+3dgt)$
$\Omega$	400 $\Omega$ / 2000 $\Omega$	$\pm(1.0\%rdg+3dgt)$

### General

Flashlight	---
LCD backlight display	---
Buzzer sounds	<38 $\Omega$
Conductor size	40mm Max.
Low battery Indication	
Dimensions	255(L) $\times$ 80(W) $\times$ 35(D)mm
Weight (battery included)	Approx. 420g
Power source	9V(6F22) $\times$ 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61010-2-33

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## 3801 CL AC/DC Clamp Meter



### Features

- Full auto range for V.A and  $\Omega$  functions.
- Data hold function freezes the reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Safety design throughout with no exposed metal parts. Shielded banana plugs and recessed input terminals.
- Ohm function ideal for checking continuity of relays transformers and motor coils.

### Specifications

AC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$ (40-500Hz)
AC V	400V / 600V	$\pm(1.0\%rdg+3dgt)$ (40-500Hz)
DC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$
DC V	400V / 600V	$\pm(0.75\%rdg+3dgt)$
$\Omega$	400 $\Omega$ / 2000 $\Omega$	$\pm(1.0\%rdg+3dgt)$

### General

Flashlight	√
LCD backlight display	√
Buzzer sounds	<38 $\Omega$
Conductor size	40mm Max.
Low battery Indication	
Dimensions	255(L) × 80(W) × 35(D)mm
Weight (battery included)	Approx. 430g
Power source	9V(6F22) × 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61010-2-33

### Accessories

- Instruction manual
- Test leads
- Soft pouch
- Battery

## 3810 CL TRUE RMS AC/DC Clamp Meter



### Features

- Full auto range for V.A and  $\Omega$  functions.
- Data hold function freezes the reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Safety design throughout with no exposed metal parts. Shielded banana plugs and recessed input terminals.
- Ohm function ideal for checking continuity of relays transformers and motor coils.

### Specifications

AC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$ (40-500Hz)
AC V	400V / 600V	$\pm(1.0\%rdg+3dgt)$ (40-500Hz)
DC A	400A / 1000A	$\pm(1.5\%rdg+3dgt)$
DC V	400V / 600V	$\pm(0.75\%rdg+3dgt)$
$\Omega$	400 $\Omega$ / 2000 $\Omega$	$\pm(1.0\%rdg+3dgt)$

### General

Flashlight	---
LCD backlight display	---
Buzzer sounds	<38 $\Omega$
Conductor size	40mm Max.
Low battery Indication	
Dimensions	255(L) $\times$ 80(W) $\times$ 35(D)mm
Weight (battery included)	Approx. 420g
Power source	9V(6F22) $\times$ 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61010-2-33

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## 3812 CL Digital AC/DC Clamp Meter with NCV Detection

CE



### Specifications

#### ACV

Range	Resolution	Accuracy (at 40~500Hz)
400mV	0.1mV	± (2.0% rdg+3dgt)
4V	1mV	± (1.5% rdg+3dgt)
40V	10mV	± (1.5% rdg+3dgt)
400V	100mV	± (1.5% rdg+3dgt)
600V	1V	± (1.5% rdg+3dgt)

\*Overload protection: 600V AC RMS

\*Frequency Response: 0~400mV at 40Hz~100Hz  
4V~600V at 40Hz~500Hz

#### ACA

Range	Resolution	Accuracy
400A	0.1A	± (1.5% rdg+4dgt)
1200A	1A	± (2.5% rdg+4dgt)

\*Frequency Response 40Hz~500Hz

#### DCV

Range	Resolution	Accuracy
400mV	0.1mV	± (1.0% rdg+3dgt)
4V	1mV	± (1.0% rdg+3dgt)
40V	10mV	± (1.0% rdg+3dgt)
400V	100mV	± (1.0% rdg+3dgt)
600V	1V	± (1.0% rdg+3dgt)

\*Overload protection : 600V DC

#### DCA

Range	Resolution	Accuracy
400A	0.1A	± (1.5% rdg+4dgt)
1200A	1A	± (2.5% rdg+4dgt)

#### Continuity Test

Range	Audible threshold
400Ω	Less than 35Ω

### Features

- Full Autoranging for V, A and Ω functions.
- Data Hold function freezes reading in dimly lit or hard to reach places.
- Low battery indication.
- Built-in buzzer for continuity test.
- Auto-zero / REL function.
- Non-contact voltage detection.
- Auto power off.

### Accessories

Instruction manual,  
Test leads,  
Soft pouch,  
Battery.

### Resistance

Range	Resolution	Accuracy
400Ω	0.1Ω	± (1.5% rdg+3dgt)
4KΩ	1Ω	± (1.5% rdg+3dgt)
40KΩ	10Ω	± (1.5% rdg+3dgt)
400KΩ	100Ω	± (1.5% rdg+3dgt)
4MΩ	1KΩ	± (1.5% rdg+3dgt)
40MΩ	10KΩ	± (2.0% rdg+4dgt)

\*Overload protection : 500V AC RMS or 500V


### NCV Test

Range	Frequency
50V~1000V	AC 50Hz~500Hz

### Diode Test

Range	Resolution	Accuracy
2V	1mV	± (1.5% rdg+3dgt)

### General

Measurement category: CAT III 600V  
Indication: LED and Tone  
Temperature: 0~40°C  
Operating conditions: Humidity less than 80% R.H.  
For indoor use only  
Buzzer: < 35Ω  
Conductor size: 40mm max.  
Low battery indication:   
Dimensions: 255(L) x 80(W) x 35(D) mm  
Weight: Approx. 420g (battery included)  
Power Source: 9V (6F22) × 1  
Safety standard: EN 61010-1 CAT III 600V  
EN 61010-2-32  
EN 61010-2-33 EN 61326-1



## 3900 CL AC/DC Clamp Meter



CE

### Features

- 4000- count LCD.
- Full automatic measurement:  
Voltage | Current | Resistor | External frequency.
- Range change function.
- Data Hold function freezes the reading.
- REL function.
- Peak function.
- VAHz mode measures frequency in ACV and ACA mode.
- Max/Min function.
- Continuity check.
- Low battery indication.
- Auto Power Off (APO) function.
- Safety design throughout with no exposed metal parts, shielded banana plugs and recessed input terminals.

### Specifications

AC A	400.0/2000A (40~500Hz) 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
AC V	400.0mV 4.000/40.00/400.0/750V	$\pm(1.5\%rdg+3dgt)$ $\pm(1.0\%rdg+3dgt)$ (40~500Hz)
DC A	400.0/2000A 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
DC V	400.0mV/4.000/40.00/400.0/1000V	$\pm(0.75\%rdg+2dgt)$
$\Omega$ + Continuity	400.0 $\Omega$ /4.000/40.00/400.0k $\Omega$ /4.000M $\Omega$ 40.00M $\Omega$	$\pm(1.5\%rdg+3dgt)$ $\pm(2.0\%rdg+4dgt)$
Hz	4.000/40.00/400.0kHz/4.000/40.00MHz	$\pm(1.0\%rdg+2dgt)$

### General

Capacitor:	---
Bargraph:	$\sqrt{\quad}$
Display:	3 $\frac{3}{4}$ (4000 counts)
Auto-ranges:	$\sqrt{\quad}$
Data hold:	$\sqrt{\quad}$
Low battery indication:	$\sqrt{\quad}$
Auto power-off:	$\sqrt{\quad}$
Max/Min. Mode:	$\sqrt{\quad}$
Relative mode:	$\sqrt{\quad}$
Conductor size:	55mm Max.
Operating Temp. & Humidity:	0°C to -40°C 80% R.H. Max.
Dimensions:	265(L) $\times$ 100(W) $\times$ 42(D)mm
Weight (battery included):	Approx. 520g
Power source:	9V(6F22) $\times$ 1
Safety standard:	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61326-1

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## 3902 CL AC/DC Clamp Meter



CE

### Features

- 2000 - count LCD.
- Full automatic measurement:  
Voltage | Current | Resistor | Capacitor | Frequency counter.
- Range change function.
- Data Hold function freezes the reading.
- Continuity check.
- Diode measurement.
- Low battery indication.
- Auto Power Off (APO) function.
- Safety design throughout with no exposed metal parts, shielded banana plugs and recessed input terminals.

### Specifications

AC A	200.0/2000A (40~500Hz) 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
AC V	200.0mV 2.000/20.00/200.0/750V	$\pm(2.0\%rdg+3dgt)$ $\pm(1.5\%rdg+3dgt)$ (40~500Hz)
DC A	200.0/2000A 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
DC V	200.0mV/2.000/20.00/200.0/1000V	$\pm(1.0\%rdg+3dgt)$
$\Omega$ + Continuity	200.0 $\Omega$ /2.000/20.00/200.0k $\Omega$ /2.000M $\Omega$ 20.00M $\Omega$	$\pm(1.5\%rdg+3dgt)$ $\pm(2.0\%rdg+4dgt)$
Hz	2.000/20.00kHz	$\pm(0.5\%rdg+2dgt)$
Capacitor	2.000/20.00/200.0nF/2.000/20.00/200.0uF 2.000mF	$\pm(3.0\%rdg+5dgt)$ $\pm(15\%rdg+5dgt)$

### General

Bargraph:	---
Display:	3½ (2000 counts)
Auto-ranges:	√
Data hold:	√
Low battery indication:	√
Auto power-off:	√
Max/Min. Mode:	---
Relative mode:	---
Conductor size:	55mm Max.
Operating Temp. & Humidity:	0°C to -40°C 80% R.H. Max.
Dimensions:	265(L) × 100(W) × 42(D)mm
Weight (battery included):	Approx. 510g
Power source:	9V(6F22) × 1
Safety standard:	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61326-1

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

## 3904 CL AC/DC Clamp Meter



CE

### Features

- 4000 - count LCD.
- Full automatic measurement:  
Voltage | Current | Resistor | Capacitor | Frequency counter.
- Range change function.
- Data Hold function freezes the reading.
- Continuity check.
- Diode measurement.
- Low battery indication.
- Auto Power Off (APO) function.
- Safety design throughout with no exposed metal parts, shielded banana plugs and recessed input terminals.

### Specifications

AC A	400.0/2000A (40~500Hz) 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
AC V	400.0mV $\pm(2.0\%rdg+3dgt)$ 4.000/40.00/400.0/750V	$\pm(1.5\%rdg+3dgt)$ (40~500Hz)
DC A	400.0/2000A 0~1500A 1500A~2000A	$\pm(1.5\%rdg+4dgt)$ $\pm(2.5\%rdg+4dgt)$
DC V	400.0mV/4.000/40.00/400.0/1000V	$\pm(1.0\%rdg+3dgt)$
$\Omega$ + Continuity	400.0 $\Omega$ /4.000/40.00/400.0k $\Omega$ /4.000M $\Omega$ 40.00M $\Omega$	$\pm(1.5\%rdg+3dgt)$ $\pm(2.0\%rdg+4dgt)$
Hz	4.000/20.00kHz	$\pm(0.5\%rdg+2dgt)$
Capacitor	4.000/40.00/400.0nF/4.000/40.00/400.0uF 4.000mF	$\pm(3.0\%rdg+5dgt)$ $\pm(15.0\%rdg+5dgt)$

### General

Bargraph:	---
Display:	3 $\frac{3}{4}$ (4000 counts)
Auto-ranges:	$\checkmark$
Data hold:	$\checkmark$
Low battery indication:	$\checkmark$
Auto power-off:	$\checkmark$
Max/Min. Mode:	---
Relative mode:	---
Conductor size:	55mm Max.
Operating Temp. & Humidity:	0°C to -40°C 80% R.H. Max.
Dimensions:	265(L) $\times$ 100(W) $\times$ 42(D)mm
Weight (battery included):	Approx. 510g
Power source:	9V(6F22) $\times$ 1
Safety standard:	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61326-1

### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

# Leakage Clamp Meters



## 3920 CL Leakage Clamp Meters

### Features

- Designed for testing AC current and AC voltage.
- 5 ranges for AC current testing.
- The best resolution of leakage current measurement is 0.1mA.
- Frequency selection : 50/60 Hz and Wide.
- Data hold function.
- Maximum reading.
- Low battery indication.

### Specifications


#### AC Current

Range	Accuracy	
	50/60Hz	Wide
200mA(0~199.9mA) 2A (0~1.999A) 20A(0~19.99A)	$\pm(1.5\%rdg+2dgt)$	40/1000Hz : $\pm(3.0\%rdg+2dgt)$
200A(0~199.9A)	$\pm(2.0\%rdg+2dgt)$	40/1000Hz : $\pm(3.5\%rdg+2dgt)$
0-500A	$\pm(2.0\%rdg+2dgt)$	40/1000Hz: $\pm(3.5\%rdg+2dgt)$
501-1000A	$\pm 5.5\%rdg$	40/1000Hz : $\pm 10\%rdg$

#### AC Voltage

Range	Resolution	Accuracy
AC 200V/AC600V	0.1V / 1V	$\pm(1.5\%rdg+3dgt)$

#### General

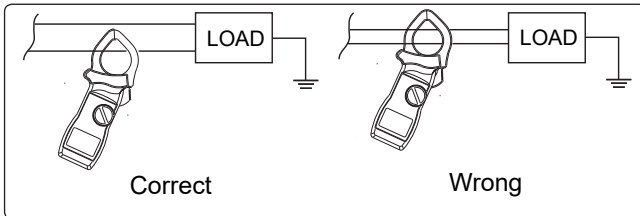
Conductor size:	55mm Max.
Operating principle:	Dual slope integration
Display:	3½ digit (2000 counts)
Low battery indication:	 Sign appears on the display.
Operating Temp.& Humidity:	0°C to 50°C 80% R.H. Max.
Storage Temp.& Humidity:	-10°C to 50°C 80% R.H. Max.
Overload protection:	AC 600V / DC 600V
Data hold Indication:	HOLD
Response time:	Approx. 1 second
Sample rate:	Approx. 2 times per second
Battery life	Approx. 100 hours on continuous use. (Alkaline)
Dimensions	276(L) × 95(W) × 43(D)mm
Weight	Approx. 540g (battery included)
Power source	9V(6F22) × 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61326-1

### Accessories

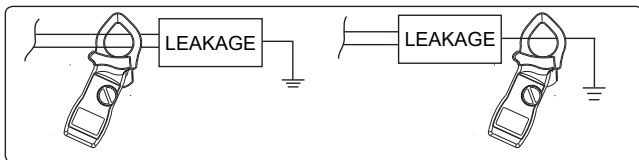
Instruction manual  
Test leads  
Soft pouch  
Battery

## AC Current Measurement

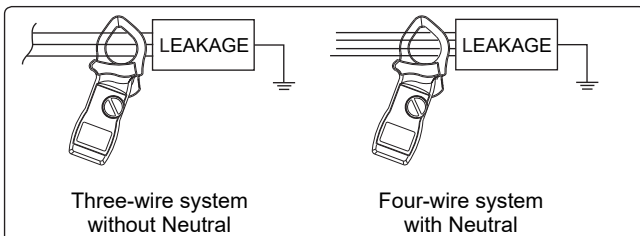
### Normal AC Current Measurements



### Leakage Current Measurements on the Single-Phase System



### Leakage Current Measurement on Three-Phase System



# Leakage Clamp Meters

## 3921 CL Leakage Clamp Meters

### Features

- Designed for testing AC current and AC voltage.
- 5 ranges for AC current testing.
- The best resolution of leakage current measurement is 0.1mA.
- Frequency selection : 50/60 Hz and Wide.
- Data hold function.
- Maximum reading.
- Low battery indication.

### Specifications


#### AC Current

Range	Accuracy	
	50/60Hz	Wide
200mA(0~199.9mA) 2A (0~1.999A) 20A(0~19.99A)	±(1.5%rdg+2dgt)	40/1000Hz : ±(3.0%rdg+2dgt)
200A(0~199.9A)	±(2.0%rdg+2dgt)	40/1000Hz : ±(3.5%rdg+2dgt)
0-500A	±(2.0%rdg+2dgt)	40/1000Hz: ±(3.5%rdg+2dgt)
501-1000A	±5.5%rdg	40/1000Hz : ±10%rdg

#### AC Voltage

Range	Resolution	Accuracy
AC 600V/DC600V	1V / 1V	±(1.5%rdg+3dgt) ±(1.0%rdg+2dgt)

#### General

Conductor size:	55mm Max.
Operating principle:	Dual slope integration
Display:	3½ digit (2000 counts)
Low battery indication:	 Sign appears on the display.
Operating Temp. & Humidity:	0°C to 50°C 80% R.H. Max.
Storage Temp. & Humidity:	-10°C to 50°C 80% R.H. Max.
Overload protection:	AC 600V / DC 600V
Data hold Indication:	HOLD
Response time:	Approx. 1 second
Sample rate:	Approx. 2 times per second
Battery life	Approx. 100 hours on continuous use. (Alkaline)
Dimensions	276(L) × 95(W) × 43(D)mm
Weight	Approx. 540g (battery included)
Power source	9V(6F22) × 1
Safety standard	EN 61010-1 CAT III 600V EN 61010-2-32 EN 61326-1

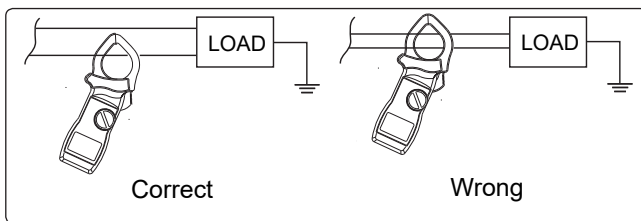
### Accessories

Instruction manual  
Test leads  
Soft pouch  
Battery

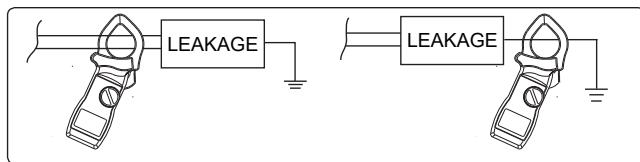


### AC Current Measurement

#### Normal AC Current Measurements



#### Leakage Current Measurements on the Single-Phase System



#### Leakage Current Measurement on Three-Phase System

