



# Model 3921CL

## Leakage Clamp Meter



CE

- 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 :

Ranges	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 :

Ranges	AC600V / DC600V
Resolution	1V /1V
Accuracy	±(1.5%rdg+3dgt)/ ±(1.0%rdg+2dgt)

#### General:

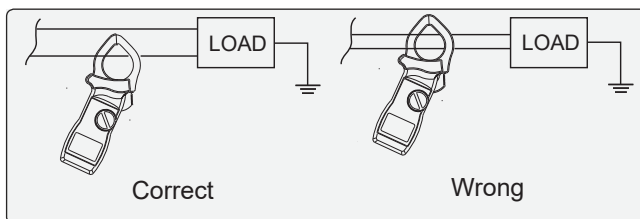
Conductor size	55mm Max.
Operating principle	Dual slope integration
Display	3½ digit (2000 counts)
Low battery indication	⊖+ sign appears on the display when the battery voltage drops below accurate operating level
Overload protection	AC 600V / DC 600V
Data hold Indication	HOLD
Response time	Approx. 1 second
Sample rate	Approx. 2 times per second
Temperature & humidity for guaranteed	°C to 50°C at < 80% Max. relative humidity
Storage temperature & humidity	-10°C to 60°C at < 80% Max. relative humidity
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

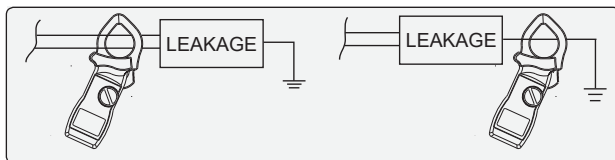
Instruction manual  
Test leads  
Soft pouch  
Battery

### AC Current Measurement

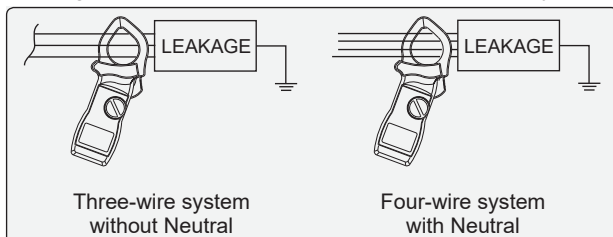
Normal AC Current Measurements



Leakage Current Measurements on the Single-Phase System



Leakage Current Measurement on Three-Phase System



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