

### DIGITAL AC LEAKAGE CLAMPMETER

#### FEATURES

- Designed for test AC current and AC voltage.
- AC current testing has 5 ranges.
- The minimum resolution of leakage current 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)	±(1.5%rdg+2dgt)	50/60Hz : ±(1.0%rdg+2dgt)	
2A(0~1.999A)		40/1000Hz : ±(3.0%rdg+2dgt)	
20A(0~19.99A)			
200A(0~199.9A)	±(2.0%rdg+2dgt)	50/60Hz : ±(1.5%rdg+2dgt)	
		40/1000Hz : ±(3.5%rdg+2dgt)	
1000A	0~500A	±(2.0%rdg+2dgt)	50/60Hz : ±(1.5%rdg+2dgt)
	501~1000A	±5.5%rdg	40/1000Hz : ±(3.5%rdg+2dgt)
			50/60Hz : ±5.0%rdg
			40/1000Hz : ±10%rdg

##### • Voltage :

Ranges	Resolution	Accuracy
AC 600V	1V	±(1.5%rdg+3dgt)
DC 600V	1V	±(1.0%rdg+2dgt)

(All at 23°C±5°C , ≤80%R.H)

##### • General :

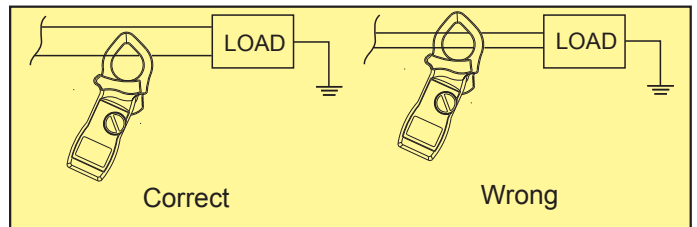
- **Display :**  
3½ digit (2000 counts).
- **Low Battery Indication :**  
"⎓" sign appears on the display when the battery voltage drops below accurate operating level.
- **Operating Principle :** Dual slope integration.
- **Conductor Size :** Approx. 55mm max
- **Overload protection :** AC 600V, DC 600V
- **Data Hold Indication :** HOLD
- **Response Time :** Approx. 1 second.
- **Sample Rate :** Approx. 2 times per second.
- **Dimensions :** 260(L) x 95(W) x 43(D)mm
- **Weight :** Approx. 540g (battery included)
- **Power source :**  
One type PP3, 6F22, 006P(or equivalent), 9V manganese.
- **Temperature & Humidity for Guaranteed :**  
23°C ±10°C at < 80% max. relative humidity.
- **Storage Temperature & Humidity :**  
-20°C to 60°C at < 80% max. relative humidity.
- **Battery Life :**  
Approx. 100 hours on continuous use. (Alkaline battery)
- **IEC/EN 61010-1 61010-2-32 CAT III 600V**



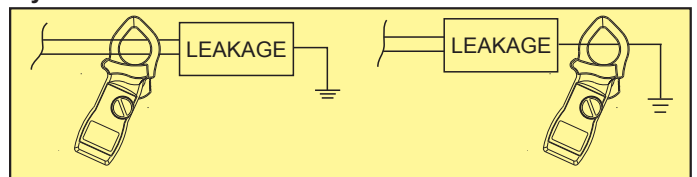
**3921 CL**

#### AC Current Measurement

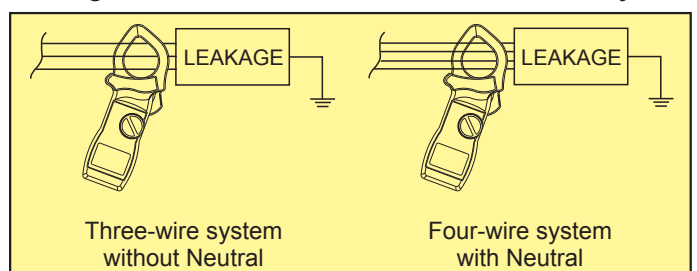
##### Normal AC Current Measurements



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



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



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