

## 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)<br>40/1000Hz : ±(3.5%rdg+2dgt) |
| 1000A            | 0~500A    | ±(2.0%rdg+2dgt) | 50/60Hz : ±(1.5%rdg+2dgt)<br>40/1000Hz : ±(3.5%rdg+2dgt) |
|                  | 501~1000A | ±5.5%rdg        | 50/60Hz : ±5.0%rdg<br>40/1000Hz : ±10%rdg                |

### Voltage :

#### 3920 CL

| Ranges  | Resolution | Accuracy        |
|---------|------------|-----------------|
| AC 200V | 0.1V       | ±(1.5%rdg+3dgt) |
| AC 600V | 1V         | ±(1.5%rdg+3dgt) |

#### 3921 CL

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

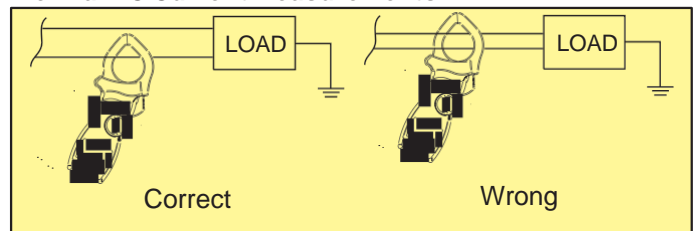


**3920 CL**

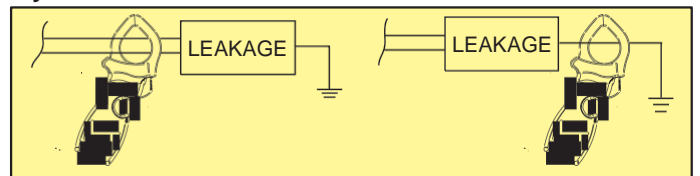
**3921 CL**

## AC Current Measurement

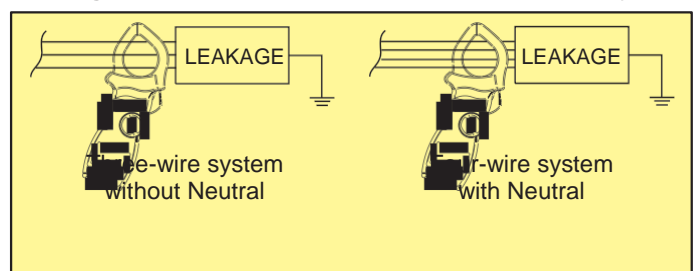
### Normal AC Current Measurements



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



### Leakage Current Measurement on Three-Phase System



(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**

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