



Model 3920CL

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 | AC 200V/AC600V |
| Resolution | 0.1V / 1V |
| Accuracy | ±(1.5%rdg+3dgt) |

General:

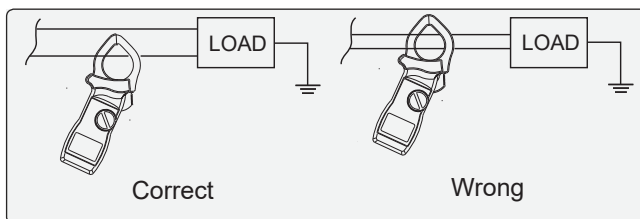
| | |
|---------------------------------------|---|
| Conductor size | 55mm Max. |
| Operating principle | Dual slope integration |
| Display | 3½ digit (2000 counts) |
| Low battery indication | ⎓ sign appears on the display when the battery voltage drops below accurate operating level |
| Overload 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

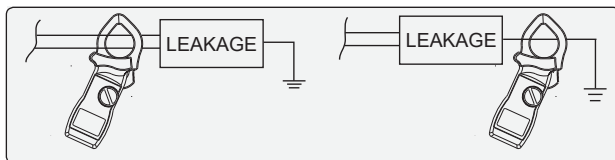
Instruction manual
Test leads
Soft pouch
Battery

AC Current Measurement

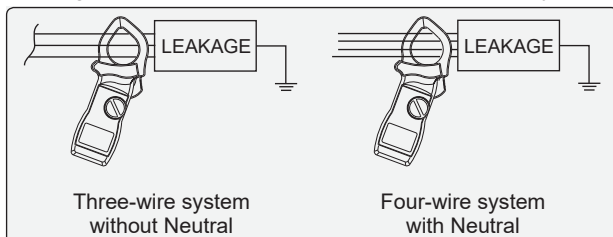
Normal AC Current Measurements



Leakage Current Measurements on the Single-Phase System



Leakage Current Measurement on Three-Phase System



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