

Product Function

H/L voltage AC leakage current and current measurement. (Above 600V operate with insulation rods).

Product Features

1. The current clamp adopts magnetic shield and CT digital integration technology, with strong anti-interference, high precision and stable test.
2. The innovative automatic plug and pull structure makes it easy to clamp or withdraw the tested wire by pressing or pulling the insulation rod, safe and more effect.
3. Peak hold, data hold and data storage functions.

Technical Specification

| Model | EM9100 | EM9100B |
|---------------------------------|---|--|
| |  |  |
| Measurement Range | AC 0.00mA~600A (50/60Hz Auto) | AC 0.00mA~600A (50/60Hz Auto) |
| Resolution | 0.01mA | 0.01mA |
| Test Accuracy | 0.00mA~100A: ±1%rdg±5dgt | 0.00mA~100A: ±1%rdg±5dgt |
| | 101A~600A: ±2%rdg±5dgt | 101A~600A: ±2%rdg±5dgt |
| Power supply | 6V DC (LR03 1.5VX4 alkaline dry batteries) | 6V DC (LR03 1.5VX4 alkaline dry batteries) |
| CT size | φ33mm | φ33mm |
| Meter Dimension | 245mmX72mmX39mm | 245mmX72mmX39mm, Receiver: 165mmX78mmX42mm |
| Insulation Rod Dimension | 4300mm | 4300mm |
| Weight | 3kg (include insulation rod and battery) | 3.3kg (include insulation rod and battery) |
| LCD Dimension | 47mmX28.5mm | |
| Sampling Rate | 2 times/second | |
| *PEAK Hold | Automatically hold the highest test value. In the test mode, short press the PEAK key until the PEAK light on, which turns on the PEAK hold function (only for ETCR9100) | |
| *Communication Mode | wireless transmission, straight distance transmission 30m(only to ETCR9100B) | |
| Data Hold | In usual test mode, press HOLD key to keep the data, display " HOLD " symbol, press HOLD key again cancel | |
| Data Storage | 99 groups, storage process display MEM symbol, " FULL " symbol display indicate that storage full | |
| Data Access | " MR " symbol indication, can access all storage data | |
| Overflow Display | Exceed measure range overflow function: " OL A " symbol display | |
| Automatic Shut Down | 15 minutes after boot up, the meter shuts down automatically without any operation, to reduce battery consumption | |
| Battery Voltage | When battery voltage is lower than 4.8V, low battery voltage symbol " - + " will display and remind to replace battery. | |
| Line Voltage | Below 60kV current test with insulation skin wire, below 35kV current test with bare wire(operation with insulation rods) | |
| Insulation Strength | The telescopic insulation rod is fully opened between the two ends: AC 100kV/rms; Between high voltage meter shell and iron core: AC1000V/rms | |
| Accessories | Meter: 1PCS; Scalable insulation rod: 1PCS; Tool bag: 1SET; LR03 battery: 4PCS | Meter: 1PCS; Receiver: 1PCS; Scalable insulation rod: 1PCS; Tool bag: 1SET; LR03 battery: 8PCS |