

# Universal Clamp Tester

AC Leakage Current /Load Current

30/300mA,30/300A ,40mm  $\phi$  CT & U type CT

## Model 310



### *FEATURES*

- The unique U type CT enabled to measure the load current of single or three phase cable without separating the cable to the wires.
- Leakage current measurements with least affection from the external magnetic field.
- Wide current measurements.(AC0.01mA-300A)

## ***SPECIFICATIONS***

Measuring method	: Dual slope integration mode
Display	: 3.5 digit LCD, max. reading of 3200
Over range indication	: "OL" mark on LCD
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec.(Digital display) 12 times/sec.(Bar graph display)
Withstanding voltage	: AC 2200V 1 minute max. (Between the core of CT and outer case)
Operating temperature	: 0°C to 40°C, 80%RH max. ( Without condensation )
Storage temperature	: -10°C to 60°C, 70%RH max. ( Without condensation )
Power supply	: 1.55V (SR-44, LR-44) × 2
Power Consumption	: 5mW
Auto power off	: Approx.10 minutes later after power on
Battery life	: Approx.50 hours(LR-44)
Size	: 64(W) × 180(H) × 21(D)mm
Weight	: Approx. 135g
Accessories	: Soft case.....1 Instruction manual.....1 Batteries LR-44(1.55V).....2

### **40mm φ CT**

Range	: AC 0~30/300mA,30/300A ,2range manual
Jaw opening capability	: 40mm φ
Accuracy	23°C ± 5°C 80%RH or less (50/60Hz)

Range	Resolution	Accuracy
AC 30/300mA	0.01mA	±1.2% rdg ± 5dgt
AC 30/300A	0.01A	0~200A : ±1.2% rdg ± 5dgt
		200~250A : ±3.0% rdg ± 5dgt
		250~300A : ±5.0% rdg ± 5dgt

### **U type CT**

Range	: AC 300A
Max.size of cable	20mm φ
Accuracy	23°C ± 5°C 80%RH or less (50/60Hz)

Cable type	Resolution	Accuracy
Single phase IV cable	0.1A	Approx. ±5%
Parallel VVF cable	0.1A	Approx. ±5%
Three phase VVR cable	0.1A	Approximate value