

MINI DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model 310

AC Current/Leakage
30/300mA, 30/300A 40mm ϕ CT & "U" Type CT



FEATURES

- The unique "U" type direct touch CT enables to measure the current of single & three phase circuit just by touching the conductors and it is suitable for the AC current measurement of narrow & congested circuit.

SPECIFICATIONS

Measuring method	: Dual integration mode
Measuring function	: Leakage current and load current
Display	: 3.5 digital LCD, max. reading of 3200
Over range indication	: "OL" mark on LCD readout
Maximum indication	: 3200 counts
Low battery indication	: 2.5V ~ 2.7V; " \oplus " mark on LCD readout
Sampling	: Approx.2 times/s. (Digital display) Approx.2 times/s. (Bargraph display)
Data hold indication	: "DH" mark on LCD readout
Auto power off	: The meter is set to power off mode approx. 10 minutes after the power switch on.
Operating temperature	: 0°C to 40°C, < 80% RH (Non-condensing)
Storage temperature	: -10°C to 60°C, < 70% RH (Non-condensing)
Power supply	: LR-44 or SR-44 X 2
Power consumption	: Approx. 5mW
Battery life	: Approx. 50 hours (LR44)
Size	: 64(W) X 180(H) X 21(D)
Weight	: Approx. 135g
Accessories	: Carrying case.....1 instruction manual.....1 Batteries.....2

40mm ϕ CT

Range	: 0 ~ 30mA/300mA/30A/300A(50/60Hz)
Ranging	: 2 ranges manuals
Accuracy	: 23°C \pm 5°C, 80% RH max.

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

Jaw opening capability : 40mm ϕ

"U" Type CT

Range	: 300A (Resolution 0.1A)
Accuracy	: 23°C \pm 5°C, 80% RH max.

Single Phase IV Conductor	$\pm 5\%$
Parallel VVF Conductor	$\pm 5\%$
Three Phase VVR Conductor	Estimated Value

Max Measurement Conductor : 20mm ϕ