

MINI DIGITAL CLAMP TESTER

AC CURRENT

Model **140**

AC Current/Leakage
30/300mA, 30/300A 40mm ϕ CT



FEATURES

- Wide range of current measurements (AC 0.01A~300A).

SPECIFICATIONS

- Safety standard : Meets the requirements for double insulation to IEC 1010-2-032, IEC 1010-1 (1995), EN 61010-1 (1995) installation Category II 600V phase to earth, Category III 300V phase to earth.
- E.M.C. standard : The instrument meets EN 50081-1 and EN 50082-1 (1992).
- Measuring method : Dual integration mode
- Measuring function : Leakage current and load current
- Display : 3.5 digital LCD, max. reading of 3200
- 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

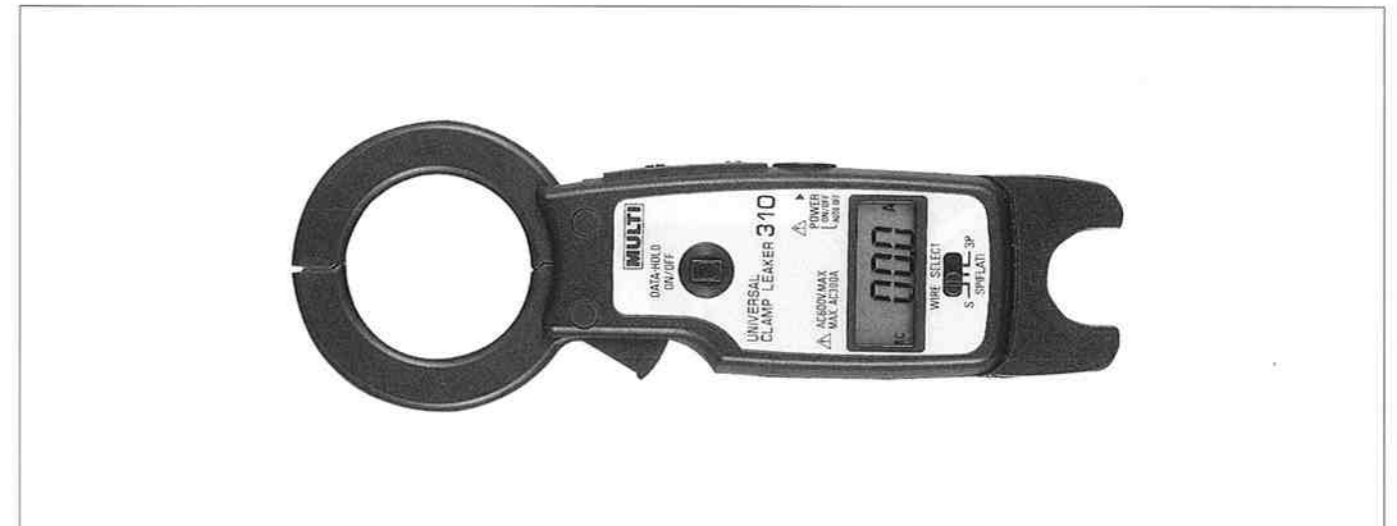
- Jaw opening capability : 40mm ϕ
- Over range indication : "OL" mark on LCD readout
- Maximum indication : 3200 counts
- Low battery indication : 2.5V~2.7V; "BAT" mark on LCD readout
- Sampling : Approx. 2 times/s.(Digital display)
Approx. 12 times/s. (Bargraph display)
- Data hold indication : "DH" mark on LCD readout
- Auto power off : The meter is set to power off mode approx. 10 minutes after the power switch on.
- Withstanding voltage : AC3700V 1 minute max. (Between the core of CT and outer case)
- 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 \times 2
- Power consumption : Approx. 5mW
- Battery life : Approx. 50 hours (LR44)
- Size : 64(W) \times 162(H) \times 23(D)mm
- Weight : Approx. 125g
- Accessories : Carrying case.....1
Instruction manual.....1
Batteries.....2

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; "BAT" 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 \times 2
- Power consumption : Approx. 5mW
- Battery life : Approx. 50 hours (LR44)
- Size : 64(W) \times 180(H) \times 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 (Resolutoin 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