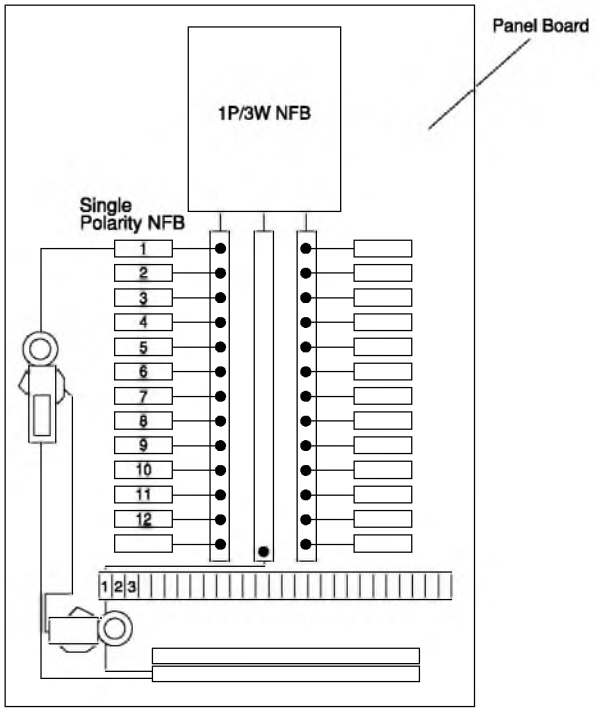
2CT METHOD MINI DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model 2002



Model 2002 can measure load and leakage current by general method in the same manner as ordinary clamp meters but also can detect leakage current by using 2CT method in combination with optional CT sensor even in the fields where CT cannot be clamped to two wires in the single phase system.

FEATURES

- Leakage current detection by 2CT method
- 40㎜φCT window and compact size
- Wide ranges from mA up to 200A and true-rms reading
- Conform to IEC safety requirements (CAT II 600V)

SPECIFICATIONS

1) CURRENT DETECTION PART (Instrument CT)

Inside diameter	: φ40㎜
Withstanding voltage	: AC 2000V/1 minute between CT core and grip

2) MEASURING PART

Measuring function	: Line Current, Leakage Current, 2CT Leakage Current
Measuring method	: Clamp CT
Measuring range	: Leakage Current 0~200mA/2000mA (50/60 Hz) Line Current 0~20A/200A (50/60 Hz)
Range selection	: 4 range manual
AC current detection	: True RMS
A/D conversion	: Equivalent dual integration mode
Sampling rate	: 2 times/sec.
Display	: Max. 1999 reading with annunciators
Over range indication	: "OL" mark on LCD
Data hold indication	: "DH" mark on LCD
Low battery indication	: "B" mark on LCD

3) GENERAL SPECIFICATION

Circuit voltage	: less than AC 600V
Operating temperature	: 0℃~40℃ < 85%RH without condensation
Storage temperature	: -10℃~60℃, < 80%RH without condensation
Withstanding voltage	: AC 2000V/1 minute between CT core and grip
Power supply	: LR03×3 pcs.
Dimension	: 64(W)×1950(H)×24(D)㎜
Standard accessories	: LR03 battery…3 (installed in the body case), Instruction manual…1, Soft Case…1, Spare CT (CT-05-2)…1
Option	: Spare CT ZCT-18-2

Spare CT CT-05-2
Inside diameter : φ5㎜
Dimension : 25(W)×113(H)×19(D)

Spare CT ZCT-18-2 (Option)
Inside diameter : φ18㎜
Dimension : 45(W)×140(H)×20(D)

4) ACCURACY (23℃±5℃, less than 85%RH)

Range	Resolution	Accuracy(50Hz/60Hz)
AC 1000mA	0.01mA	±1%rdg ±10dgt
AC 10A	0.001A	
AC 20A	0.01A	
AC 200A	0.1A	Primary Current 0~100A±1%rdg±10dgt
		Primary Current 101~150A±3%rdg±10dgt
		Primary Current 151~200A $^{+0}_{-6}$ rdg±10dgt