

BIG WINDOW DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE, AC CURRENT

Model MCL-1100D

1mA ~ 3000A 5ranges



FEATURES

- 108 × 128mm big CT window.
- DC mV analog data output for recorder.
- Wide ranges for 0.1mA — 3000A
Safety Standavd : CAT. II 600V

SPECIFICATIONS

Measuring method	True rms reading	
Display	3.5 digit LCD	
Accuracy	(23°C ± 5°C, 80% RH or less)	
Range	Resolution	Accuracy
300mA	0.1mA	± 1.5% rdg ± 8dgt (50/60Hz)
3A	0.001A	
30A	0.01A	
300A	0.1A	
3000A	1A	
Jaw opening capability	108mmφ	
Overload indication	"OL" mark	
Maximum indication	3200	
Low battery indication	"B" mark on LCD readout	
Sampling	2 times/s	
Data hold indication	"D · H" mark on LCD readout	
Data output	DC 300mV (Full count)	
Withstanding voltage	AC3700V	
Limitation of circuit voltage	Less than AC 500V	
Operating temperature	0°C to 40°C, <80% RH	
Storage temperature	-10°C to 60°C, <70% RH	
Power supply	UM-4(1.5V) × 2	
Power consumption	6mW	
Battery life	200hours (By alkaline batteries)	
Size	194(W) × 341.5(H) × 52(D)mm	
Weight	Approx. 1900g	
Accessories	Carrying case 1 Instruction manual 1 Batteries(UM-4) 2	

Model MCL-3000D

30A/300A/3000A 3ranges



FEATURES

- 108 × 128mm big CT window.
- DC mV analog data output for recorder.
- Wide ranges for 0.1mA — 3000A
Safety Standavd : CAT. III 600V

SPECIFICATIONS

Measuring method	True rms reading	
Display	3.5 digit LCD	
Accuracy	(23°C ± 5°C, 80% RH or less)	
Range	Resolution	Accuracy
30A	0.01A	± 1.5% rdg ± 8dgt (50/60Hz)
300A	0.1A	
3000A	1A	
Jaw opening capability	108mmφ	
Overload indication	On the LCD readout	
Maximum indication	3200	
Low battery indication	"B" mark on LCD readout	
Sampling	2 times/s	
Data hold indication	"D · H" mark on LCD readout	
Data output	DC 300mV (Full count)	
Withstanding voltage	AC5550V	
Limitation of circuit voltage	Less than AC 500V	
Operating temperature	0°C to 40°C, <80% RH	
Storage temperature	-10°C to 60°C, <70% RH	
Power supply	UM-4(1.5V) × 2	
Power consumption	6mW	
Battery life	200hours (By alkaline batteries)	
Size	194(W) × 341.5(H) × 52(D)mm	
Weight	Approx. 1850g	
Accessories	Carrying case 1 Instruction manual 1 Batteries(UM-4) 2	

MINI DIGITAL CLAMP TESTER

AC CURRENT

Model 200

AC Current
20A/200mA 33mmφ CT & "U" Type CT



FEATURES

- with "U" Type Direct Touch CT enables AC current measurement of Single & Three Phase Circuit just by touching CT to conductor.

SPECIFICATIONS

Measuring method	: Dual integration mode
Display	: 3.5 digit LCD max. reading of 1999
Over range indication	: Blanking of all digits except MSD1
Maximum indication	: 1999
Low battery indication	: "B" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling time	: 2 times/sec
Operating temperature	: 0°C to +40°C, < 80% RH
Storage temperature	: -10°C to +60°C, < 70% RH
Power supply	: SR-44 (1.55V) × 2 or LR-44 × 2
Power consumption	: 2.5 mW
Battery life	: SR-44 (200 hours), LR-44 (100 hours)
Size	: 54(W) × 170(H) × 21(D)mm
Weight	: Approx. 100g
Accessories	: Soft case 1 instruction manual 1 Batteries, LR-44 (1.55V) 2

33mm φ CT

Range	: 0 ~ 20/200A
Accuracy	: 23°C ± 5°C 80% RH or less

Range	Resolution	Accuracy
20A	10mA	± 1.2% rdg ± 5 dgt (50/60Hz)
200A	100mA	

"U" Type CT

Range	: 300A (Resolutoin 0.1A)
Accuracy	: 23°C ± 5°C, 80% RH max.

Single Phase IV Conductor	± 5%
Parallel VVF Conductor	± 5%
Three Phase VVR Conductor	Estimated Value

Max Measurement Conductor : 20mm φ

Model 210

AC Current
20A/200mA 33mmφ CT



FEATURES

- Ultra compact size with 23mm φ CT.
- Most suitable for the use of the narrow & congested circuit.

SPECIFICATIONS

Measuring method	: Dual integration mode
Display	: 3.5 digit LCD max. reading of 1999
Range	: 0 ~ 20/200A
Accuracy	: 23°C ± 5°C 80% RH or less

Range	Resolution	Accuracy
20A	10mA	± 1.2% rdg ± 5 dgt (50/60Hz)
200A	100mA	

Jaw opening capability	: 23mm φ
Over range indication	: Blanking of all digits except MSD1
Maximum indication	: 1999
Low battery indication	: "B" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling time	: 2 times/sec
Operating temperature	: 0°C to +40°C < 80% RH
Storage temperature	: -10°C to +60°C < 70% RH
Power supply	: SR-44 (1.55V) × 2 or LR-44 × 2
Power consumption	: 2.5 mW
Battery life	: SR-44 (200 hours), LR-44 (100 hours)
Size	: 48(W) × 146(H) × 20(D)mm
Weight	: Approx. 80g
Accessories	: Soft case 1 instruction manual 1 Batteries, LR-44 (1.55V) 2