

MINI DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model **340**

2mA/20mA/60A 40mm ϕ CT



FEATURES

- Model 340 is a clamp-on type ammeter which is least affected by external magnetic fields.
- Enabled high resolution measurement with 40 mm ϕ CT by our new CT technology.

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.

Measuring method : Dual integration mode
 Display : 3.5 digit LCD, max. reading of 1999
 Range : 0~2mA/20mA/60A (50Hz)
 Ranging : Manual ranging
 Accuracy : 50/60Hz, 23°C \pm 5°C 80% RH max.

Range	Mini.Resolution	Accuracy
2mA	1 μ A	\pm 1.0% rdg \pm 5 dgt
20mA	10 μ A	
60A	100mA	\pm 1.0% rdg \pm 5 dgt(0~50A) \pm 5% rdg \pm 5 dgt(50A~60A)

Jaw opening capability : 40mm ϕ
 Over range indication : Blanking of all digits except MSD1
 Maximum indication : 1999
 Low battery indication : "B" mark on LCD readout
 Data hold indication : "DH" mark on LCD readout
 Sampling : Approx. 2 times/s.
 Operating temperature : 0°C to 40°C, <70% 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. 3.5mW
 Battery life : Approx. 80 hours (LR-44)
 Approx. 160 hours (SR-44)
 Size : 68.5(W) \times 175(H) \times 23(D)mm
 Weight : Approx. 145g
 Accessories : Batteries (LR-44) 2
 Instruction manual 1
 Carrying case 1

CLAMP TESTER

AC CURRENT/LEAKAGE

Model **MCL-350**

10mA~500A 7ranges
40mm ϕ CT



FEATURES

- High accuracy analog display with strong taut band meter.
- 3 years long battery life.
- Meter lock function and data output for recorder.
- Filter circuit for high frequency noise rejection.

SPECIFICATIONS

Current	AC 0~10mA/50mA/500mA/1A 5A/50A/500A
Accuracy	\pm 3% of F.S. (50/60Hz)
Voltage	AC 0~500V
Accuracy	\pm 3% of F.S. (50/60Hz)
Resistance	0~1K Ω (25 Ω center)
Accuracy	\pm 3% of scale length
Data output	DC 100mV (Full scale)
Affection of magnetic field	3mA or less (At 100A near by conductor)
Safety standard	Meets the requirements for double insulation to IEC 1010-2-032, IEC1010-1(1995), EN 61010-1(1995) installation Category II 600 volts phase to earth, Category III 300 volts phase to earth.
E.M.C. standard	The instrument meets EN 50081-1 and EN 50082-1(1992).
Operating temperature	0°C to 40°C, <80% RH
Storage temperature	-10°C to 60°C, <70% RH
Power supply	1.5V("AAA" size, UM-4) \times 2
Size	65(W) \times 210(H) \times 34(D)mm
Weight	Approx. 400g (Included batteries)
Accessories	Carrying case 1 Instruction manual 1 Batteries(UM-4) 2 Spare fuse 1 Test lead 1 set

Model **MCL-400D**

0.2A~400A 5ranges
40mm ϕ CT



FEATURES

- Digital clamp-on tester with wide range of current measurement from 0.1A to 400A.

SPECIFICATIONS

Measuring method	Dual integration mode		
Display	3.5digit LCD		
Accuracy	(23°C \pm 5°C, 80% RH or less)		
AC Current (50/60Hz)	Range	Resolution	Accuracy \pm 1.0% rdg \pm 5 dgt
	0.2A	0.1mA	
	2A	1mA	
	20A	0.01A	
	200A	0.1A	
AC Voltage	600V	1V	\pm 1.0% rdg \pm 3.0% of F.S.
	2K Ω	1 Ω	
Resistance	2K Ω	1K Ω	
Jaw opening capability	40mm ϕ		
Overload indication	Blanking of all digits except MSD1		
Maximum indication	1999		
Low battery indication	"B" mark on LCD readout		
Sampling	2 times/s		
Limitation of circuit voltage	Less than AC 600V		
Data hold indication	"D · H" mark on LCD readout		
Affection of magnetic field	3mA or less (at 100A near by conductor)		
Power supply	1.5V("AAA" size, UM-4) \times 2		
Size	69(W) \times 197(H) \times 32(D)mm		
Weight	Approx. 370g (Included batteries)		
Accessories	Carrying case 1 Instruction manual 1 Batteries(UM-4) 2 Test lead 1 set		