

MINI DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model 100

AC Current/ Leakage
200mA/20A 18mm ϕ CT



FEATURES

- Model 100 is a clamp-on type ammeter which is least affected by the external magnetic field and which is capable of measuring leakage current.
- Very small electric current flowing into a grounded wire can be measured by high sensitive current transducer.
- The current transducer uses a special alloy that resists rust over long period of use and ensures stable, high-

Model 102

AC Current/ Leakage
200mA/100A 23mm ϕ CT



FEATURES

- Useful 200mA and 100A ranges.
- Data-hold function. Especially useful when working in dark or hard to get areas.
- Ultra compact size.

accuracy measurements with very slight influence from aging.

Model 104

AC Current/ Leakage
200mA/150A 33mm ϕ CT



FEATURES

- 33mm ϕ CT enables the leakage measurement for 60mm square cable.
- Data-hold function. Especially useful when working in dark or hard to get areas.
- Ultra compact size.

SPECIFICATIONS

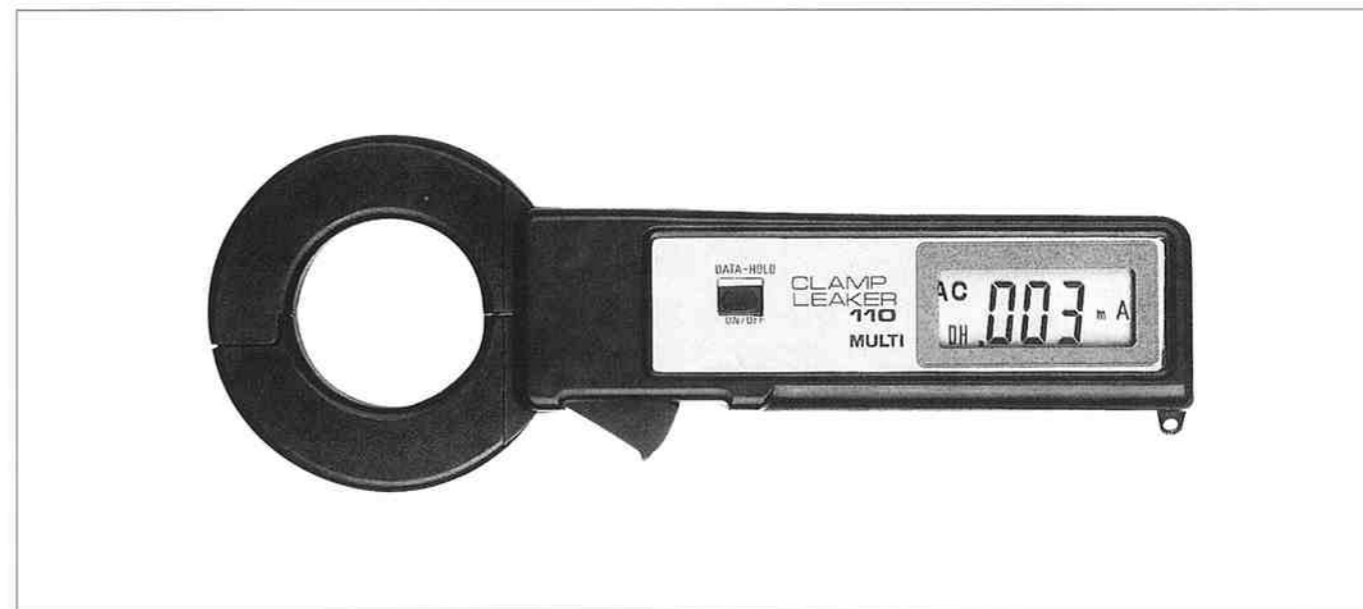
Model	100	102	104
Measuring method	Dual integration mode		
Display	3.5 digit LCD		
Range	200mA 20A	200mA 100A	200mA 150A
Resolution	0.1mA 10mA	0.1mA 0.1mA	0.1mA 0.1A
Accuracy (50/60Hz) (23°C \pm 5°C, 80% RH or less)	\pm 1.0% rdg \pm 5 dgt		\pm 2.0% rdg \pm 5 dgt
Jaw opening capability	18mm ϕ	23mm ϕ	33mm ϕ (No Shielding)
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		
Operating temperature	0°C to 40°C, <80% RH		
Storage temperature	-10°C to 60°C, <70% RH		
Power supply	SR-44(1.55V) \times 2 or LR-44 \times 2		
Power consumption	3mW		
Battery life	SR-44 : 200 hours, LR-44 : 100 hours		
Size	45(W) \times 140(H) \times 20(D)mm	48(W) \times 146(H) \times 20(D)mm(H)	54(W) \times 155(H) \times 20(D)mm
Weight	Approx. 80g		
Accessories	Soft case \cdots 1	Instruction manual \cdots 1	Batteries(LR-44) \cdots 2

MINI DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model 110

2mA/20mA/60A 30mm ϕ CT



FEATURES

- Model 110 is a clamp-on type ammeter which is least affected by external magnetic fields.
- 30mm ϕ CT enables the leakage current measurement for SV cable (38m²).
- Data hold function. Especially useful when working in dark or hard to get areas.
- Pocket sized and light weight.

SPECIFICATIONS

Measuring method	: Dual integration mode
Display	: 3.5 digit LCD, max. reading of 1999
Range	: 0~2mA/20mA/60A (50/60Hz)
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	: 30mm 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.
Limitation of circuit voltage	: Less than AC 600V
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. 3mW
Battery Life	: Approx. 100 hours (LR-44) Approx. 200 hours (SR-44)
Size	: 58.5(W) \times 158(H) \times 23(D)mm
Weight	: Approx. 120g
Accessories	: Batteries (LR-44) \cdots 2 Instruction manual \cdots 1 Carrying case \cdots 1