

# AC/DC Mini Digital Clamp Tester

AC/DC Current ,20A/200A ,23mm  $\phi$  CT

## Model 230



### *FEATURES*

- 23mm  $\phi$  CT window and ultra compact size.
- Data-hold function. Especially useful when working in dark or hard to get areas.
- Accurate gearing mechanism for closing of CT.
- Best tool for automotive service

## ***SPECIFICATIONS***

Measuring method	: Dual slope integration mode
Display	: 3.5 digit LCD, max. reading of 1999
Polarity	: “—” sign for negative polarity
Range	: AC/DC 0~20A/200A
Jaw opening capability	: 23mm $\phi$
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	: 2 times/sec.
Withstanding voltage	: AC 1000V 1 minute max. (Between the core of CT and outer case)
Insulation resistance	: 10M $\Omega$ or more (Between internal circuit and core of CT)
Limitation of circuit Voltage	: Less than AC/DC 500V
Operating temperature	: 0°C to 40°C, 80%RH max. ( Without condensation )
Storage temperature	: -10°C to 60°C, 70%RH max. ( Without condensation )
Power supply	: 1.55V (SR-44, LR-44) $\times$ 2
Power Consumption	: 7mW
Battery life	: SR-44 (30 hours), LR-44 (16 hours)
Size	: 48(W) $\times$ 146(H) $\times$ 20(D)mm
Weight	: Approx. 100g
Accessories	: Soft case.....1 Instruction manual.....1 Batteries LR-44(1.55V).....2

### AC Current(Accuracy 23°C $\pm$ 5°C, 80%RH or less)

Range	Resolution	Accuracy(50/60HZ)	Accuracy(20~500Hz)	Max. input current
20A	10mA	$\pm 1.0\%$ rdg $\pm 5$ dgt	$\pm 1.5\%$ rdg $\pm 5$ dgt	500A peak
200A	100mA	$\pm 1.5\%$ rdg $\pm 5$ dgt (0~150.0A)	$\pm 2.0\%$ rdg $\pm 5$ dgt (0~150.0A)	
		$\pm 2.5\%$ rdg $\pm 5$ dgt (150.1~199.9A)	$\pm 3.5\%$ rdg $\pm 5$ dgt (150.1~199.9A)	

### DC Current(Accuracy 23°C $\pm$ 5°C 80%RH or less)

Range	Resolution	Accuracy	Max. input current
20A	10mA	$\pm 1.0\%$ rdg $\pm 3$ dgt	500A peak
200A	100mA	$\pm 1.5\%$ rdg $\pm 3$ dgt(0~150.0A)	
		$\pm 2.5\%$ rdg $\pm 3$ dgt(150.1~199.9A)	