

# DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE

Model **MCL-500RMS**

50mA~500A 5ranges

True RMS 40mmφ CT



## FEATURES

- 20 times/sec.high speed sampling with True RMS reading.
- High speed response for max hold enables the measurement for the instantaneous tripping leakage current of the circuit breaker.

## SPECIFICATIONS

Measuring method	Dual integration mode		
Display	3 <sup>3</sup> / <sub>4</sub> digit LCD		
Accuracy	(23°C±5°C, 80% RH or less)		
	Range	Resolution	Accuracy
	50mA	0.01A	±1.0% rdg ±5dgt (50/60Hz)
	500mA	0.1mA	
	50A	0.01A	
	500A	0.1A	
	ACV (0~600V) /Resistance (0~2KHz)	0.1V/1Ω	±1.0% rdg ±2% of F.S. ±1.0% rdg ±5dgt (50/60Hz)
A/D conversion	True rms reading		
Jaw opening capability	40mmφ		
Overload indication	"OL" mark on LCD readout		
Maximum indication	5000		
Low battery indication	"B" mark on LCD readout		
Data hold indication	"DATA" mark on LCD readout		
Max.hold indication	"MAX" mark on LCD readout		
Affection of magnetic field	3mA or less (At 100A near by conductor)		
Sampling	20 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	6LR61 or AC adaptor		
Withstanding voltage	AC2000V, 1minute		
Size	69(W)×207(H)×33(D)mm		
Weight	Approx.450g		
Accessories	Carrying case .....1 Instruction manual .....1		
Optional accessory	AC adaptor (DC9V)		