

DIGITAL CLAMP TESTER

AC CURRENT/LEAKAGE, AC CURRENT

Model HCL-3000

2000mA/20A/200A 3ranges
 33mmφ CT



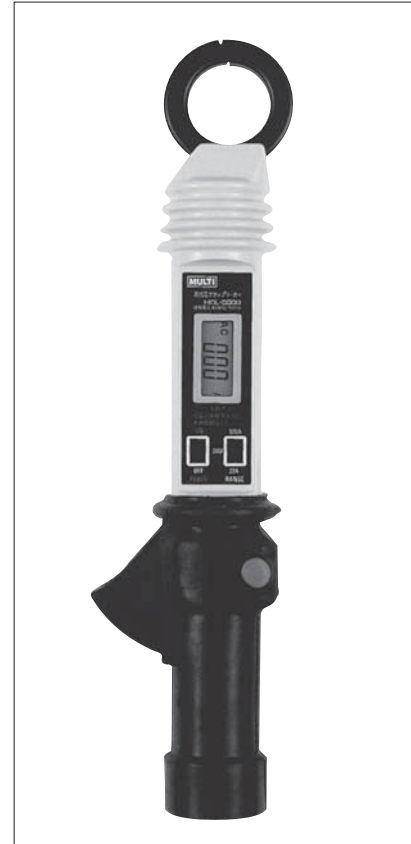
Safety Operation for High Voltage Circuit

FEATURES

- Provides the wide range of current measurement from 1mA/10mA to 200A/500A (HCL-3000/HCL-5000).
- Useful one hand operation with the extended safety handle.
- Provides the safety current measurements on circuits having internal voltage from AC 80V to AC 7000V.
- Data-hold function is especially useful when working in dark or hard to get areas.
- AC 14kV (1minute) withstanding voltage between jaw core and handle.

Model HCL-5000

20A/200A/500A 3ranges
 33mmφ CT



SPECIFICATIONS

Model	HCL-3000			HCL-5000		
Measuring method	Dual integration mode					
Display	3.5 digit LCD					
Range	2000mA	20A	200A	20A	200A	500A
Resolution	1mA	10mA	0.1A	10mA	100mA	1A
Accuracy ※	±2.0% rdg ±5 dgt(50/60Hz)			20/200A ±2.0% rdg ±5 dgt(0~400A,50/60Hz) 500A ±2.5% rdg ±5 dgt(50/60Hz)		
Jaw opening capability	33mmφ					
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 7000V (50/60Hz)					
Withstanding voltage	AC 14KV, 1minute (Between handle and core of CT)					
Insulation resistance	100M Ω or more (Between handle and core of CT)					
Operating temperature	0°C to 40°C, <80% RH					
Storage temperature	10°C to 60°C, <70% RH					
Power supply	UM-3(1.5V)×2					
Size	315(L)mm×54mm φ					
Weight	Approx.240g (Excluding batteries)					
Accessories	Carrying case.....1		Instruction manual1		Batteries(UM-3).....2	
Optional accessory	Rubber handle cover					

※ 23°C ±5°C, 80% RH or less