

# Leakage Clamp-on Testers

CL320



AC Leak

∅24

AC/20mA~200A

CL340



AC Leak

∅40

AC/40mA~400A

## CL320

Mean value display  
Auto power-off  
Manual range switching  
Approved for conformity to safety standards EN61010-1, EN61010-2-032(CAT. III 300 V)

### Specifications

At 23 ±5 75%RH or less  
Accuracy: ±( % rdg + dgt) = ±(% readout + value of least significant digit)

Parameter	Reference	Accuracy	
		WIDE(40 ~ 400Hz)	50/60Hz
AC current	20mA/200mA	2.0+4 (50/60Hz)	3.0+5 (50/60Hz)
	200A(0 ~ 100A)	5.0+6 (40 ~ 400Hz)	5.0+5 (50/60Hz)
	200A(100.1 ~ 200A)	5.0+4 (50/60Hz)	5.0+5 (50/60Hz)

### General Specifications

Parameter	Specification
Method of detection	Mean value
Display	LCD(Digital display:1999 counts)
Response time	Approx. 2 seconds
Range switching	Manual-range
Data hold	On all range
Ambient temperature and humidity	0-40 , 85% RH or less (no condensation)
Temperature coefficient	—
Influence of external magnetic field	10mA or less in proximity to a 14.4mm-dia conductor carrying 100A
Influence of conductor position	Within 5dgt for 0 to 50A, or 2% for 50 to 200A (10mm-dia conductor at inside the jaw)
Influence of residual current	10mA or less in proximity to a 10mm-dia conductor carrying 50A
Safety standard	Conforms EN61010-1, EN61010-2-032
Circuit voltage	300Vrms or less
Withstanding voltage	3.7kV AC for one minute
Power supply	LR-44 ×2(3V) or SR-44 ×2
Battery life	Approx. 15 hours (continuous)
Consumed current	Approx. 5mA
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	24mm at maximum
Dimensions	Approx. 60(W)×149(H)×26(D)mm
Weight	Approx. 120g
Accessories	User's manual(IM CL320), batteries, carrying case(93033)

## CL340

Mean value display  
Auto power-off  
Manual range switching  
Approved for conformity to safety standards EN61010-1, EN61010-2-032 (CAT. III 300 V)

### Specifications

At 23 ±5 75%RH or less  
Accuracy: ±( % rdg + dgt) = ±(% readout + value of least significant digit)

Parameter	Reference	Accuracy	
		WIDE(20Hz ~ )	50/60Hz
AC current	40mA/400mA	2.5+10 (20 ~ 1kHz)	1.0+5 (50/60Hz)
	400A(0 ~ 350A)	2.5+10 (40 ~ 1kHz)	1.0+5 (50/60Hz)
	400A(350 ~ 400A)	5.0 (40 ~ 1kHz)	2.0 (50/60Hz)

### General Specifications

Parameter	Specification
Method of detection	Mean value
Display	LCD(Digital display:3999 counts)
Response time	Approx. 2 seconds
Range switching	Manual-range
Data hold	On all range
Peak hold	On all range
Ambient temperature and humidity	0-40 , 85% RH or less (no condensation)
Temperature coefficient	—
Influence of external magnetic field	10mA or less in proximity to a 15mm-dia conductor carrying 100A
Influence of conductor position	40/400mA range: Within 5dgt at every part inside the jaw 400A range: Within ±0.5%rdg ±5dgt at every part inside the jaw section
Influence of residual current	12mA or less in proximity to a 10mm-dia conductor carrying 100A
Safety standard	Conforms EN61010-1, EN61010-2-032
Circuit voltage	300Vrms or less
Withstanding voltage	3.7kV AC for one minute
Power supply	R0-3(UM-4) × 2 or LR03 × 2
Battery life	Approx. 40 hours (continuous)
Consumed current	Approx. 13mA
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	40mm at maximum
Dimensions	Approx. 81(W)×185(H)×40(D)mm
Weight	Approx. 270g
Accessories	User's manual(IM CL340), batteries, carrying case(93030)