

# Leakage Clamp-on Testers

CL340



AC Leakage

∅ 40

AC/40mA~400A

CL345



AC Leakage

∅ 40

AC/40mA~400A

RMS

## 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°C±5°C, 75%RH or less  
Accuracy: ±(% of reading + digits)

Parameter	Range	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
Operating temperature and humidity	0-40°C, 85% RH or less (no condensation)
Temperature coefficient	-
Effect of external magnetic field	10mA or less in proximity to a 15mm-dia conductor carrying 100A
Effect of conductor position	40/400mA range: Within 5dgt at every part inside the jaw400A range, 0 to 250A: Within ±0.5%rdg ±5dgt at every part inside the jaw section
Effect 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	4240V AC for 5 sec
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, batteries, carrying case(93030)

\*6000 counts (40/400mA range)

## CL345

- True RMS 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°C±5°C, 75%RH or less  
Accuracy: ±(% of reading + digits)

Parameter	Range	Accuracy	
		WIDE(20Hz~)	50/60Hz
AC current	40mA/400mA	2.5+10 (20~1kHz)	1.0+5 (50/60Hz)
	400A(0~300A)	2.5+10 (40~1kHz)	1.0+5 (50/60Hz)
	400A(300~400A)	5.0 (40~1kHz)	2.0 (50/60Hz)

### General Specifications

Parameter	Specification
Method of detection	True RMS
Display	LCD(Digital display:4200 counts)*
Response time	Approx. 2 seconds
Range switching	Manual-range
Data hold	On all range
Peak hold	On all range
Operating temperature and humidity	0-40°C, 85% RH or less (no condensation)
Temperature coefficient	-
Effect of external magnetic field	10mA or less in proximity to a 15mm-dia conductor carrying 100A
Effect of conductor position	40/400mA range: Within 5dgt at every part inside the jaw400A range, 0 to 250A: Within ±0.5%rdg ±5dgt at every part inside the jaw section
Effect 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	4240V AC for 5 sec
Power supply	R0-3(UM-4) × 2 or LR03 × 2
Battery life	Approx. 24 hours (continuous)
Consumed current	Approx. 21mA
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, batteries, carrying case(93030)

\*6000 counts (40/400mA range)