

Digital Clamp Tester with Big CT window

AC Load Current Measurements

Model MCL-3000D (CE)



FEATURES

This handy type clamp tester has the biggest CT window in the world (108mmx128mm) and can measure AC load current (0.01A -3000A) just by clamping the conductor without disconnecting the circuit.

SPECIFICATIONS

Measuring function	: AC load current
Safety standard	: IEC61010-1, IEC61010-2-032 Installation category III 600V
Max Jaw Opening capability	: 108mm (108x128mm)
Measuring range	: AC30A/300A/3000A (50/60Hz) 3 ranges manual

Accuracy (23°C ±5°C, less than 80%RH)

Range	Resolution	Accuracy(50/60Hz)
AC 30A	0.01A	± 1.5%rdg ± 8dgt
AC 300A	0.1A	
AC 3000A	1A	± 2.0%rdg ± 8dgt

Measuring method	: Dual slope integration mode
AC conversion	: AC coupled true rms responding
Display	: LCD, max. 3200 count with annunciators
Over range indication	: "OL" mark on LCD
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec
Auto power off function	: The meter is set to power off approx.10 minute later after power on.
Limitation of circuit voltage	: Less than AC 600V
Withstanding voltage	: AC 5500V, 1 minute (between operation handle & core of CT)
Operating temperature	: 0°C - 40°C, less than 80%RH (w/o condensation)
Storage temperature	: -10°C- 60°C, less than 70%RH (w/o condensation)
Power supply	: 1.5V battery[UM-4 or AAA size]x 2
Power consumption	: Approx.6mW
Battery life	: Approx.200 hours continuous
Dimension & weight	: 194(W) x 341.5(H) x 52(D) mm, Approx.1.8kgs
Accessories	: Battery (UM-4).....2 Instruction Manual.....1 Carrying Case.....1 Hand Strap.....1