

Digital Clamp Tester With Big CT Window

AC Load & Leakage Current Measurements

Model MCL-1100D (CE)



FEATURES

This handy type clamp tester has the biggest CT window in the world (108mmx128mm) and can measure AC load current and leakage current (0.1mA-3000A) just by clamping the conductor without disconnecting the circuit.

SPECIFICATIONS

Measuring function : AC load current, AC leakage current
 Measuring method : Dual slope integration mode
 AC conversion : AC coupled true rms responding
 Safety standard : IEC61010-1, IEC-61010-2-032 Installation
 Category II, 600V or category III, 300V
 Max Jaw opening : 108mm (108x128mm)
 capability
 Measuring range : AC 300mA/3A/30A/300A/3000A (50/60Hz)
 (5 ranges manual)

Accuracy (23 C \pm 5 C, less than 80%RH)

Range	Resolution	Accuracy(50/60Hz)
AC 300mA	0.1mA	$\pm 1.5\% \text{rdg} \pm 8 \text{dgt}$
AC 3A	0.001A	
AC 30A	0.01A	
AC 300A	0.1A	
AC 3000A	1A	

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.
 Filter function : Low pass filter : 150Hz
 Output signal for : DC 300mV for full scale for each range
 recorder
 DCmV output accuracy : $\pm 1.5\%$ of Full Scale
 Auto power off function : The meter is set to power off approx. 10 minute
 later after power on.
 Limitation of circuit : Less than AC 600V
 voltage
 Withstanding voltage : AC 3700V, 1 minute (between core of CT and
 outer case)
 Operating temperature : 0 - 40 C, less than 80%RH (w/o condensation)
 Storage temperature : -10 - 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. 1.9kgs

 Accessories : Battery (UM-4).....2
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