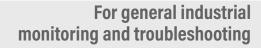
CLAMP-ON METERS

100Aac/dc LOW CURRENT















FEATURES

- 10,000-count LCD display excellent resolution
- 100AAC/DC Ammeter with low 10A range (1mA resolution)
- Tapered jaws for crowded wiring areas Jaw opening: Ø 0.60"- 15mm Cable diameter: Ø 0.45"- 12mm
- 600VAC/DC voltmeter
- Analog output in AAC/DC to data loggers, etc
- Auto-ranging & ADC zero push-button
- Data HOLD & PEAK functions
- Relative function to compare two measurements
- Ohm range & continuity test with beeper
- Auto Power OFF and low battery indicator
- IEC/EN 61010 safety rated & CE mark
- 600Vrms overload protection



SPECIFICATIONS

MODEL	CM605
ELECTRICAL	
AC Current	
Measurement Ranges	2 Ranges: 10A, 100A
Accuracy & Resolution	10A; ±2.0% of Reading ±10cts - 1mA Resolution
	80A: ±2.0% of Reading ±10cts - 10mA Resolution
	> 80A: ±3.5% of Reading ±10cts - 10mA Resolution
Frequency Range	2 Ranges: 50 to 500Hz
DC Current (positive only)	<u> </u>
Measurement Ranges	2 Ranges: 10A, 100A
Accuracy & Resolution	10A: ±2.5% of Reading ±10cts - 1mA Resolution
	80A: ±2.5% of Reading ±10cts - 10mA Resolution
	> 80A: ±4.5% of Reading ±10cts - 10mA Resolution
AC Volts	
Measurement Ranges	600Vrms
Accuracy & Resolution	±1.5% of Reading ±5cts - 100mV Resolution
Frequency	40 to 500Hz
Input Impedance	10MΩ, < 50pF
DC Volts (positive only)*	· •
Measurement Ranges	600V
Accuracy & Resolution	±1.0% of Reading ±2cts - 100mV Resolution
Input Impedance	10ΜΩ
Resistance (Ohms)	
Measurement Ranges	10kΩ (9999Ω)
Accuracy & Resolution	±1.0% of Reading ±3cts - 1Ω Resolution
Test Voltage	< 3.0Vpc
Continuity	
Measurement Ranges	Buzzer < 1000 ±250
Resolution	10
Test Voltage	< 3.0Vpc
Analog Output	
Output	10mV/Aac & Apc through front banana jacks
Frequency	0 to 20kHz @ ±3db
Output Impedance	3kΩ, < 50pF
Other Functions	
Adc Zero &	One touch push button (Δ ZERO Button) to Zero Apc, or other readings.
Relative Function	Relative function also used in the other ranges to compare two measurements.
HOLD Function	Holds A & V measurements when pressed (HOLD button)
PEAK Function	Captures PEAK (1ms) V or A measurement when activated (PEAK Button)
Auto-Ranging	"AUTO" displayed on LCD
Over Range	"OL" displayed on LCD for all measurements
Auto Power OFF	Auto Power OFF after approx 10 minute with Over-Ride
Low Battery	Low Battery indication on LCD
MECHANICAL	LOW DUILOT Y ITILICATION ON LOD
Max. Cable Diameter	Ø 0.45" (12mm)
Max. Jaw Opening	Ø 0.45 (12HHI)
Power Source	Two 1.5V AAA (LR03) batteries (included)
Dimensions & Weight	7.95 x 2.76 x 1.33" (202 x 70 x 34mm) – 6.5oz (180g)
	7.95 X 2.76 X 1.33 (202 X 70 X 34mm) – 6.502 (180g) IEC/EN 61010-1 and 2-032 – 600V CAT II and 300V CAT III – Pollution Degree 2 Class 2
Safety Standards	Double or reinforced insulation, CE mark

^{*}For negative measurement, add 2cts to the accuracy

PRODUCT INCLUDES

Soft carrying case, set of two test leads, two 1.5V AAA batteries and user manual.

CATALOG NO. DESCRIPTION

7000.02 Clamp-On Meter Model CM605 (100AAC/DC, Low Current)



