

Model CM605







MODEL	CM605
ELECTRICAL	
AC Current	
Measurement Ranges	2 Ranges: 10A, 100A
Accuracy & Resolution	10A: 2.0% of Reading \pm 10cts - 1mA Resolution 80A: 2.0% of Reading \pm 10cts - 10mA Resolution > 80A: 3.5% of Reading \pm 10cts - 10mA Resolution
Frequency Range	2 Ranges: 50 to 500Hz
DC Current (positive only)	· ·
Measurement Ranges	2 Ranges: 10A, 100A
Accuracy & Resolution	10A: 2.5% of Reading \pm 10cts - 1mA Resolution 80A: 2.5% of Reading \pm 10cts - 10mA Resolution > 80A: 4.5% of Reading \pm 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	10MΩ
Resistance (Ohms)	
Measurement Ranges	10kΩ (9999Ω)
Accuracy & Resolution	1.0% of Reading \pm 3cts - 1Ω Resolution
Test Voltage	< 3.0VDC
Continuity	
Measurement Ranges	Buzzer $< 100\Omega \pm 25\Omega$
Resolution	1Ω
Test Voltage	< 3.0VDC
Analog Output	
Output	10mV/AAc & Abc through front banana jacks
Frequency	0 to 20kHz @ ± 3db
Output Impedance	3kΩ, < 50pF
Other Functions	
And Zero & Relative Function	One touch push button (\(\Delta ZERO \) Button) to Zero Abc, or other readings. 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	
Max. Cable Diameter	Ø 0.45" (12mm)
Max. Jaw Opening	Ø 0.60" (15mm)
Power Source	Two 1.5V AAA (LR03) batteries (included)
Dimensions & Weight	7.95 x 2.76 x 1.33" (202 x 70 x 34mm) – 6.5 oz (180g)
Safety Standards	IEC/EN 61010-1 and 2-032 - 600V CAT II and 300V CAT III - Pollution Degree 2



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AC Volts	
Measurement Ranges	600Vrms
Accuracy & Resolution	1.5% of Reading ± 5cts - 100mV Resolution
Frequency	40 to 500Hz
Input Impedance	$10M\Omega$, $< 50pF$
DC Volts (positive only)*	
Measurement Ranges	600V
Accuracy & Resolution	1.0% of Reading ± 2cts - 100mV Resolution
Input Impedance	10ΜΩ
Resistance (0hms)	
Measurement Ranges	10 k Ω (9999 Ω)
Accuracy & Resolution	1.0% of Reading \pm 3cts - 1Ω Resolution
Test Voltage	< 3.0VDC
Continuity	
Measurement Ranges	Buzzer $< 100\Omega \pm 25\Omega$
Resolution	1Ω
Test Voltage	< 3.0VDC
Analog Output	
Output	10mV/AAc & Abc through front banana jacks
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Output Impedance	$3k\Omega$, $< 50pF$
Other Functions	•
Acc Zero & Relative Function	One touch push button (\(\Delta ZERO \) Button) to Zero Abc, or other readings. Relative function also used in the other ranges to compare two measurements.
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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	
Max. Cable Diameter	Ø 0.45" (12mm)
Max. Jaw Opening	Ø 0.60" (15mm)
Power Source	Two 1.5V AAA (LRO3) batteries (included)
Dimensions & Weight	7.95 x 2.76 x 1.33" (202 x 70 x 34mm) – 6.5 oz (180g)
Safety Standards	IEC/EN 61010-1 and 2-032 - 600V CAT II and 300V CAT III - Pollution Degree 2 Class 2 - Double or reinforced insulation, CE mark

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





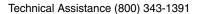
Soft carrying case, test leads, two 1.5V AAA batteries and user manual.

► PRODUCT INCLUDES

CATALOG NO. **DESCRIPTION**

7000.02 Clamp-On Meter Model CM605 (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 (Ø.60"- 15mm Jaw opening) (Ø.45"- 12mm Cable diameter)
- 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