

100Aac/dc Low Current Clamp-on Meter Model CM605

**For Process
and Industrial
applications**



NEW!



Features

- 10,000-count LCD Display - Excellent Resolution
- 100Aac/dc Ammeter with low 10A Range (1mA Resolution)
- Tapered Jaws for crowded wiring areas (Ø.45" - 12mm Jaw Opening)
- 600VAC/DC Voltmeter
- Analog Output in AAC/DC
- Auto-Ranging & Avc Zero Push-button
- Data HOLD & PEAK Functions
- Relative Function to Compare Two Measurements
- Ohm Range & Continuity Test with Beeper
- AUTO-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% ± 10cts - 1mA Resolution 80A: 2.0% ± 10cts - 10mA Resolution > 80A: 3.5% ± 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% ± 10cts - 1mA Resolution 80A: 2.5% ± 10cts - 10mA Resolution > 80A: 4.5% ± 10cts - 10mA Resolution
AC Volts	
Measurement Ranges	600Vrms
Accuracy & Resolution	1.5% ± 5cts - 100mV Resolution
Frequency	40 to 500Hz
Input Impedance	10MΩ, < 50pF
DC Volts (positive only)	
Measurement Ranges	600V
Accuracy & Resolution	1.0% ± 2cts - 100mV Resolution
Input Impedance	10MΩ
Resistance (Ohms)	
Measurement Ranges	10kΩ (9999Ω)
Accuracy & Resolution	1.0% ± 3cts - 1Ω Resolution
Test Voltage	< 3.0VDC
Continuity	
Measurement Ranges	Buzzer < 100Ω ± 25Ω
Resolution	1Ω
Test Voltage	< 3.0Vdc
Analog Output	
Output	10mV/Aac & Avc through front banana jacks
Frequency	0 to 20kHz @ ± 3db
Output Impedance	3kΩ, < 50pF
Other Functions	
Avc Zero & Relative Function	One touch push button (ΔZERO Button) to Zero Avc, 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-Off	Auto-Off after approx 10 minute with Over-Ride
Low Battery	Low Battery indication on LCD
MECHANICAL	
Max. Cable Diameter	Ø 0.45" (Ø 12mm)
Max. Jaw Opening	0.60" (Ø 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 Class 2 – Double or reinforced insulation, CE mark



Model CM605 includes test leads, soft carrying case and user manual.

CATALOG NO. DESCRIPTION

		PRICE	NIST CALIBRATION
7000.02	Clamp-on Meter Model CM605 (100Aac/dc, Low Current)	\$249.00	\$65.00