

Clamp-on Meter Comparison Guide

FEATURE	CM-950	CM-900	CM-850	CM-800	CM-600	CMT-90	CMT-80	CM-450	CM-410	CM-330
True RMS	•		•			•		•		
DCA (A max)	600	600								
Maximum resolution (A)	0.1	0.1								
Best accuracy (%)	1.2	1.2								
ACA (A max)	600	600	600	600	600	600	400	600	400	400
Maximum resolution (A)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01	0.1	0.01
Best accuracy (%)	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.5	1.9	2.0
DCV (V max)	600	600	600	600	600	1000	600	600	600	
Maximum resolution (V)	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1mV	0.1	
Best accuracy (%)	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.3	1.0	
ACV (V max)	600	600	600	600	600	1000	600	600	600	
Maximum resolution (V)	0.1	0.1	0.1	0.1	1	0.1	0.1	1mV	0.1	
Best accuracy (%)	1.0	1.0	1.0	1.0	1.2	1.5	1.5	1.5	1.5	
Resistance (Ω)	400	400	400	400	2000	2000	2000	40M	20M	
Maximum resolution (Ω)	0.1	0.1	0.1	0.1	1	0.1	1	0.1	0.1	
Best accuracy (%)	1.0	1.0	1.0	1.0	1.5	2.0	2.0	0.6	0.7	
Continuity and beeper	•	•	•	•	•	•	•	•	•	
Diode test								•		
Capacitance										
Frequency	•	•	•	•				•		
Frequency response (Hz)	50-500	50-500	50-400	50-400	40-500	50-500	50-60	50-60	50-500	50-60
Temperature (T1)										
Jaw opening	1.38" (35 mm)	1.38" (35 mm)	1.34" (34 mm)	1.34" (34 mm)	1.38" (35 mm)	1.34" (34 mm)	1.06" (27 mm)	1.02" (26 mm)	1.06" (27 mm)	1.18" (30 mm)
Display type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Display update X/sec	2.5	2.5	2.5	2.5	4		1 to 4	3	1.5	25
Count	4000	4000	4000	4000	2000	10,000	6000	4000	2000	2000
Analog bar graph	42 segments	42 segments	42 segments	42 segments						
Analog update X/sec	13	13	13	13						
Zoom analog bar graph										
Low battery indicator	•	•	•	•	•	•	•	•	•	•
Autoranging	•	•	•	•				•	•	
Auto power off	•	•	•	•	•	•	•	•	•	
Peak hold	•	•	•	•						
Data hold	•	•	•	•	•	•	•	•	•	•
Min, max	•	•	•	•						max only
Data logging										
Power factor										
True power (kW)										
Apparent Power (kVA)										
Measurement Category	III, 600V	III, 600V	III, 600V	III, 600V	III, 600V	IV, 600V III, 1000V	III, 600V	III, 600V	III, 600V	III, 600V
UL	•	•	•	•	•	•	•	•	•	•
cUL or CSA	•	•	•	•	•	•	•	•	•	•
CE	•	•	•	•	•	•	•	•	•	•

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AC Clamp-on Meter



CM-600 features:

- Both AC amperage and AC/DC voltage measurement.
- Resistance measurement up to 2000Ω.
- Auto power off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION
CM-600	07593	AC Clamp-on Meter
CM-600-C*	07625*	AC Clamp-on Meter
TSG-3	12034	Sure-Grip Test Leads
TC-10	07534	Carrying Case

*Includes Certificate of Calibration

SPECIFICATIONS

Amperage Measurement	600A AC
Voltage Measurement	600V
Display	3-1/2-digit LCD, 2000-count
Resistance	2000Ω
Jaw Opening	1.38" (35 mm)
Measurement Category	CAT III, 600V

True RMS Clamp Meter



- AC amperage, AC/DC voltage measurement.
- True RMS for the most accurate measurement where harmonics are present.
- Quick, easy operation.
- Auto power off for longer battery life.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Data hold to capture measurement.
- 4000 count LCD.
- Accessories included: Test leads, 3V Standard button battery (IEC-CR 2032; ANSI-NEDA 54004LC)
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION
CM-450	12726	AC Clamp-on Meter, True RMS
TSG-3	12034	Sure-Grip Test Leads
TC-5	07588	Carrying Case

SPECIFICATIONS

Amperage Measurement	40.00, 400.0, 600 A AC
Jaw Opening	1.02" (26 mm)
Display	LCD, 4000-count
Voltage	4.000, 40.00, 400.0, 600 V AC 400.0 mV, 4.000, 40.00, 400.0, 600V DC
Resistance	400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ
Measurement Category	CAT III, 600V per UL 61010-1