

Model CM 625

400AAC/DC TRMS Auto-Ranging Clamp-on Meter



Accurate and Compact TRMS 400AAC/DC Clamp-on Meter

- 4300-count LCD Display- Excellent Resolution
- 400AAC/DC TRMS Ammeter (\varnothing 1.18"- 30mm Jaw Opening)
- 600VAC/DC TRMS Voltmeter
- High Accuracy: 0.75% DC Accuracy
- Auto-Ranging, Data HOLD & ADC Push-button Zero
- Ohm Range & Continuity Test with beeper, 600V Protection
- Batteries: AUTO-OFF and Low Battery Indicator
- IEC/EN 61010 Safety Rated & CE Mark
- Ideal for General Electrical Maintenance

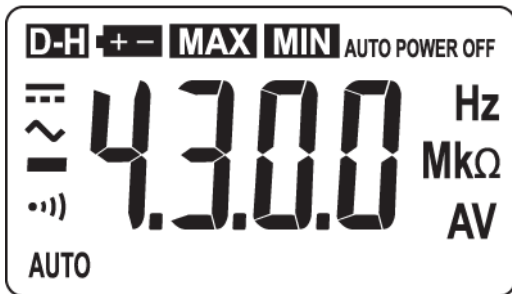
400AAC/DC TRMS Auto-Ranging Clamp-on Meter

ELECTRICAL SPECIFICATIONS	Model CM 625
AC Amperes (TRMS)	
Measurement Ranges	2 Ranges: 40A, 400A
Accuracy & Resolution	40A: 1.5% ± 10cts - 10mA Resolution 400A: 1.5% ± 5cts - 100mA Resolution
Frequency Range	50 to 400Hz
AC Volts (TRMS)	
Measurement Ranges	4 Ranges: 4V, 40V, 400V, 600V
Accuracy & Resolution	4V: 1.0% ± 5cts - 1mV Resolution 40V: 1.0% ± 5cts - 10mV Resolution 400V: 1.0% ± 5cts - 100mV Resolution 600V: 1.0% ± 5cts - 1V Resolution
Frequency	40 to 500Hz
Input Impedance	11MΩ, 10MΩ, 10MΩ, 10MΩ, < 50pF
Overload Protection	660Vrms
DC Amperes	
Measurement Ranges	2 Ranges: 40A, 400A
Accuracy & Resolution	40A: 1.5% ± 10cts - 10mA Resolution 400A: 1.5% ± 5cts - 100mA Resolution
DC Volts	
Measurement Ranges	4 Ranges: 4V, 40V, 400V, 600V
Accuracy & Resolution	4V: 0.75 % ± 2cts - 1mV Resolution 40V: 0.75 % ± 2cts - 10mV Resolution 400V: 0.75 % ± 2cts - 100mV Resolution 600V: 0.75 % ± 2cts - 1V Resolution
Input Impedance	11MΩ, 10MΩ, 10MΩ, 10MΩ
Overload Protection	600Vrms
Resistance (Ohms)	
Measurement Ranges	6 Ranges: 400Ω, 4000Ω, 40kΩ, 400kΩ, 4MΩ, 40MΩ
Accuracy & Resolution	400Ω: 0.9% ± 2cts - 0.1Ω Resolution 4000Ω: 0.9% ± 2cts - 1Ω Resolution 40kΩ: 0.9% ± 2cts - 0.01kΩ Resolution 400kΩ: 0.9% ± 2cts - 0.1kΩ Resolution 4MΩ: 2.0% ± 2cts - 0.001MΩ Resolution 40MΩ: 5.0% ± 2cts - 0.01MΩ Resolution
Test Voltage	< 3.4 to 0.7V
Protection	600V
Continuity	
Measurement Range	0 to 400Ω with Buzzer < 50Ω ± 25Ω
Resolution	0.1Ω Resolution
Test Voltage	< 3.4V
Protection	600V
Other Functions	
DC Zero	Yes - One touch push button (Select button)
HOLD Function	Yes - Holds A & V measurements (Blue button)
Auto-Ranging	Yes
Over Range	Yes - "OL" displayed on LCD with beeper
Auto-Off	Yes - Auto-Off after approx 10 minute with Over-Ride
Low Battery	Yes - Low Battery indication on LCD

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MECHANICAL SPECIFICATIONS	Model CM 625
Display	3¾ Digit LCD 4300-count - OL displayed if Over-Range
Jaw Opening (Window)	Ø 1.18" (Ø 30mm) or .40 x 1.39" (10 x 35mm)
Fuse	500mA, 250V (5 x 20mm)
Operating Temperature & %RH	32° to 122°F (0° to 50°C), 80% RH max non-condensing
Storage Temperature & %RH	14° to 140°F (-10° to 60°C), 70% RH max non-condensing
Altitude	<6000 ft (2000m)
Range Selection	Auto-Ranging and Manual selection by push-button (Yellow button)
Power Supply	2 batteries – 1.5V type AAA (LR03)
Battery Power Management	Low Battery Indicator on LCD, Auto-Off after 10 minutes
Dimensions & Weight	7.44 x 2.80 x 1.46" (189 x 71 x 37mm) - 8.0 oz (220g)
Warranty	One Year
Safety	
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
Protection	Ohmmeter and Continuity functions protected to 600VAC/DC

NOTE: Accuracy given @ 23°C ±5°C, 80% RH max, conductor centered in jaws, 45-65Hz, no DC component.



Multimetrix®

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Ordering Information

400A TRMS Clamp-on Meter Model CM 625
Catalog Number: MMX-CM625

Includes: Clamp-on Meter CM 625 – Lead Set (Red & Black lead) with Needle Point Test Probes– Carrying Case – 2 x 1.5V AAA Batteries – User Manual

*Specifications and Prices are subject to change without notice.
Consult Factory before ordering.*