

400A Dual Input Clamp Meters + IR Thermometer + NCV



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Built-in dual thermocouple inputs

For T1, T2, and T1-T2 differential temperature measurement

Common Features:

- True RMS measurements for accurate AC Voltage and Current measurements
- Dual type K thermocouple input with Differential Temperature function (T1, T2, T1-T2)
- Built-in non-contact Voltage detector with LED alert
- DC μ A multimeter function for HVAC flame rod Current measurements
- Data Hold plus fast Peak Hold of current surges during motor startup
- 40,000 count multimeter functions for DC Voltage, Resistance, Capacitance, and Frequency for high resolution over wider ranges
- Measures motor capacitors to 40,000 μ F
- 1.4" (36mm) jaw opening for conductors up to 500MCM
- Rugged double molded housing
- Auto power off with audible alert and disable function
- Autoranging with manual override
- Complete with CAT III-600V, double molded test leads, 9V battery, two Type K bead wire probes (-22 to 572°F/-30 to 300°C), and case



EX622 and EX623 Additional Feature

- Built-in non-contact IR Thermometer with laser pointer for locating hot spots
- 8 to 1 distance to target ratio

EX613 and EX623 Additional Feature

- DC Current function ideal for automotive, heavy equipment and marine applications

Model	EX612	EX613	EX622	EX623
Temperature (IR)	—	—	✓ -58 to 518°F (-50 to 270°C)	✓ -58 to 518°F (-50 to 270°C)
AC Current	400.0A	400.0A	400.0A	400.0A
DC Current	—	✓ 400.0A	—	✓ 400.0A
Max resolution	10mA	10mA	10mA	10mA
Basic ACA accuracy	±1.5%	±1.5%	±1.5%	±1.5%
AC/DC Voltage (Max Res.)	600V (0.1mV)/600V (0.01mV)	600V (0.1mV)/600V (0.01mV)	600V (0.1mV)/600V (0.01mV)	600V (0.1mV)/600V (0.01mV)
DC μ A Current	4000 μ A (0.01 μ A)	4000 μ A (0.01 μ A)	4000 μ A (0.01 μ A)	4000 μ A (0.01 μ A)
Resistance (Max Res.)	40,000M Ω (0.01 Ω)	40,000M Ω (0.01 Ω)	40,000M Ω (0.01 Ω)	40,000M Ω (0.01 Ω)
Capacitance (Max Res.)	10pF to 40,000 μ F (0.01nF)	10pF to 40,000 μ F (0.01nF)	10pF to 40,000 μ F (0.01nF)	10pF to 40,000 μ F (0.01nF)
Frequency (Max Res.)	40MHz (0.001Hz)	40MHz (0.001Hz)	40MHz (0.001Hz)	40MHz (0.001Hz)
Temperature (Type K)	-58 to 1832°F (-50 to 1000°C)	-58 to 1832°F (-50 to 1000°C)	-58 to 1832°F (-50 to 1000°C)	-58 to 1832°F (-50 to 1000°C)
Diode Test	< 2.8V	< 2.8V	< 2.8V	< 2.8V
Duty Cycle	0.5 to 99.0%	0.5 to 99.0%	0.5 to 99.0%	0.5 to 99.0%
Dimensions	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)
Weight	10.7oz (303g)	10.7oz (303g)	10.7oz (303g)	10.7oz (303g)
Price	\$149.99	\$179.99	\$199.99	\$229.99

สนใจติดต่อ บริษัท เอเม็ท จำกัด 31 ซอย โกสุมรวมใจ 37 แยก 2 แขวงดอนเมือง เขต ดอนเมือง กรุงเทพฯ. 10210

โทร.02-503-8900, แฟกซ์ : 02-981-0181, 02-981-0182 email : sales@amet.net , Web: www.amet.net

