400A Dual Input Clamp Meters + IR Thermometer + NCV

Built-in dual thermocouple inputs

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

BUILT IN IR Thermometer



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 µA 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 40,000µF
- 1.25" (32mm) 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 general purpose Type K bead wire probes 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



Dual Type K Inputs for taking differential temperature readings needed for superheat measurements.



Built-in IR Thermometer for quick and safe non-contact temperature measurements. Find hot spots fast!

EX600 SERIES







Model	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
DC Current	400.0A	—	400.0A
Max resolution	10mA	10mA	10mA
Basic ACA accuracy	±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)
DC µA Current	4000µA (0.01µA)	4000µA (0.01µA)	4000µA (0.01µA)
Resistance (Max Res.)	40.000MΩ (0.01)	40.000MΩ (0.01)	40.000MΩ (0.01Ω)
Capacitance (Max Res.)	10pF to 40,000µF (0.01nF)	10pF to 40,000µF (0.01nF)	10pF to 40,000µF (0.01nF)
Frequency (Max Res.)	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)
Diode Test	< 2.8V	< 2.8V	< 2.8V
Duty Cycle	0.5 to 99.0%	0.5 to 99.0%	0.5 to 99.0%
Dimentions	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)	9x3.1x1.9" (229x80x49mm)
Weight	10.7oz (303g)	10.7oz (303g)	10.7oz (303g)

EN 61010-1 CAT III 600V

Ordering Information:

EX613.....400A AC/DC Clamp Meter+Dual Type-K Inputs
EX622.....400A AC Clamp Meter+Dual Type-K Inputs+IR
EX623.....400A AC/DC Clamp Meter+Dual Type-K Inputs+IR

EX613-NIST .....EX613 with Calibration Traceable to NIST
EX622-NISTL* ....EX622 with Calibration Traceable to NIST
EX623-NISTL* ....EX623 with Calibration Traceable to NIST

**NISTL - Limited NIST for Certificate of Traceability to all functions except IR Thermometer*

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