

## Extech Clamp Meters

### Model EX623

400A Dual Input Clamp Meters + IR Thermometer + Non-Contact Voltage Detect

- TRMS AC Voltage & Current measurements
- Dual type K thermocouple input with Differential Temperature function
- Non-contact Voltage detector with LED alert
- Non-contact IR Thermometer with laser pointer for locating hot spots
- DC Voltage, DC Current, Resistance, Capacitance, Frequency & Duty Cycle functions
- Autoranging with manual override
- 40,000 count multimeter functions
- Data Hold plus fast Peak Hold for surges
- Complete with test leads, 9V battery, two Type K bead wire probes and case



▲ EX623

### Model EX655

600A True RMS Clamp Meters + Non-Contact Voltage Detect

- TRMS AC Voltage & Current measurements
- Non-contact Voltage detector with LED alert
- DC Voltage, DC Current, Resistance, Capacitance, Frequency, Temperature, Diode Check
- Relative function & DC Zero mode
- Data Hold, MIN/MAX, Inrush capture
- Low pass filter for VFD drives
- LCD bargraph
- Complete with test leads, Type K bead wire probe, AAA batteries, 3 year warranty



▲ EX655

### 1000A Clamp Meters with IR Thermometer

- AC/DC Current, AC/DC Voltage, Resistance, Frequency, Capacitance, Temperature, Diode Test and Continuity
- True RMS models (EX820, EX830)
- 1.7" (43mm) jaw opening
- Backlit LCD
- Laser pointer for IR measurements
- Peak, Data Hold, Auto power off
- DC Current with zero (EX830)
- Complete with test leads, 9V battery, Type K bead probe (EX820, EX830) and case



▲ EX830

### 200A AC/DC Mini Clamp plus MultiMeter

- High resolution to 10mA
- Measures voltage, resistance and frequency
- Fast 40 segment bargraph
- One touch auto zero for DC current measurements
- Min/Max
- Data hold and auto power off
- Complete with test leads, wrist strap, 2 AA batteries and carrying case



▲ 380941

### 30A True RMS AC/DC Mini Clamp

- Measure low AC/DC current with resolution to 1mA DC and 0.1mA AC
- Also measures voltage
- Fast 40 segment bargraph
- One touch auto zero for DC current measurements
- Min/Max
- Data hold and auto power off
- Complete with test leads, wrist strap, 2 AA batteries and carrying case



▲ 380942

## SPECIFICATIONS

Model	EX623	EX655	380941	380942	EX810	EX820	EX830
AC Sensing:	TRMS	TRMS	Averaging	TRMS	Averaging	TRMS	TRMS
Display counts:	4000	6000, backlit	4000	4000	4000, backlit	4000, backlit	4000, backlit
Jaw size/ Cable size:	1.25" (32mm)	1.18" (30mm)	0.9" (23mm); 4/0 AWG	0.9" (23mm); 4/0 AWG	1.7" (43mm): 750MCM	1.7" (43mm): 750MCM	1.7" (43mm): 750MCM
AC Current:	400µA, 40A, 400A	600µA, 60A, 600A	40A, 200A	400mA, 4A, 30A	1000A	1000A	1000A
DC Current:	400µA, 40A, 400A	600µA, 60A, 600A	40A, 200A	4A, 30A	---	---	1000A
Max resolution:	0.1µA, 0.01A	0.1µA, 0.01A	0.01A	AC: 0.1mA, DC: 0.001A	0.01A	0.01A	AC: 0.01A, DC: 0.1A
Basic AC/DCA Accuracy:	±1.5%	2.5%	±1.0%	±1.5%	±2.8%	±2.5%	±2.5%
AC/DC Voltage (Max. Res.):	AC: 600V (0.1V) DC: 600V (0.1mV)	AC: 750V (1mV) DC: 1000V (0.1mV)	400V (0.1V)	400V (1V)	600V (0.1mV)	600V (0.1mV)	600V (0.1mV)
Resistance (Max Res.):	40MΩ (0.01Ω)	60MΩ (0.1Ω)	400Ω (0.1Ω)	---	40MΩ (0.1Ω)	40MΩ (0.1Ω)	40MΩ (0.1Ω)
Capacitance (Max Res.):	40mF (0.01nF)	4000µF (0.01nF)	---	---	40mF (0.001nF)	40mF (0.001nF)	40mF (0.001nF)
Frequency (Max. Res.):	100MHz (0.01Hz)	10kHz (0.01Hz)	1000kHz (0.01Hz)	---	4kHz (1Hz)	4kHz (1Hz)	4kHz (1Hz)
Temperatures (Type K):	-58 to 1832°F / -50 to 1000°C	-40 to 1832°F / -40 to 1000°C	---	---	---	-4 to 1400°F / -20 to 760°C	-4 to 1400°F / -20 to 760°C
IR Temperature:	-58 to 518°F	---	---	---	-58 to 518°F	-58 to 518°F	-58 to 518°F
Diode/Continuity:	Yes	Yes	Continuity	---	Yes	Yes	Yes
Data Hold:	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Min/Max/Peak:	Yes	Yes	Min/Max	Min/Max	Yes	Yes	Yes
Safety Rating:	CAT III-600V	CAT III-600V	CAT III-300V	CAT III-300V	CAT III-600V	CAT III-600V	CAT III-600V