

Extech Clamp Meters

NEW

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
- Data Hold plus fast Peak Hold for surges
- Complete with test leads, 9V battery, two Type K bead wire probes and case



▲ **Model EX623**

Model MA640

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, Duty Cycle
- Relative Mode for Capacitance Zero and Offset Adjustment
- Data Hold and MIN/MAX
- Complete with test leads, Type K bead wire probe, 9V battery and carrying case



▲ **Model MA640**

800A Clamp Meters

- AC/DC Current, AC/DC Voltage, Resistance, Frequency, Capacitance, Temperature, Diode Test and Continuity
- True RMS models
- 1.2" (30mm) circular jaw opening
- Backlit LCD
- Peak, Data Hold, Auto power off
- DC Current with Zero (EX730)
- Complete with test leads, 9V battery, Type K bead wire probe (EX720, EX730) and carrying case



▲ **Model EX730**

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



▲ **Model 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



▲ **Model 380942**

SPECIFICATIONS

Model	EX623	MA640	380941	380942	EX710	EX720	EX730
AC Sensing:	TRMS	TRMS	Averaging	TRMS	Averaging	TRMS	TRMS
Display counts:	4000	6000	4000	4000	4000, backlit	4000, backlit	4000, backlit
Jaw size/ Cable size:	1.4" (36mm)	1.5" (40mm)	0.9" (23mm); 4/0 AWG	0.9" (23mm); 4/0 AWG	1.2" (30mm): 500MCM	1.2" (30mm): 500MCM	1.2" (30mm): 500MCM
AC Current:	400μA, 40A, 400A	60A, 600A	40A, 200A	400mA, 4A, 30A	800A	800A	800A
DC Current:	400μA, 40A, 400A	60A, 600A	40A, 200A	4A, 30A	---	---	800A
Max resolution:	0.1μA, 0.01A	0.01A	0.01A	AC: 0.1mA, DC: 0.001A	0.01A	0.01A	AC: 0.01A, DC: 0.1A
Basic AC/DC Accuracy:	±1.5%	±2.8%	±1.0%	±1.5%	±2.8%	±3%	AC: ±3%, DC: ±2.5%
AC/DC Voltage (Max. Res.):	AC: 600V (0.1V) DC: 600V (0.01mV)	AC: 600V (1mV) DC: 600V (0.01mV)	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 (0.01Ω)	40MΩ (0.01Ω)	40MΩ (0.01Ω)
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	-4 to 1400°F	---	---	---	-4 to 1832°F / -20 to 1000°C	-4 to 1832°F / -20 to 1000°C
IR Temperature:	-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	Peak	Peak	Peak
Safety Rating:	CAT III-600V	CAT III-600V	CAT III-300V	CAT III-300V	CAT III-600V	CAT III-600V	CAT III-600V