

Introduction

Safety

International Safety Symbols



SAFETY NOTES

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-
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WARNINGS

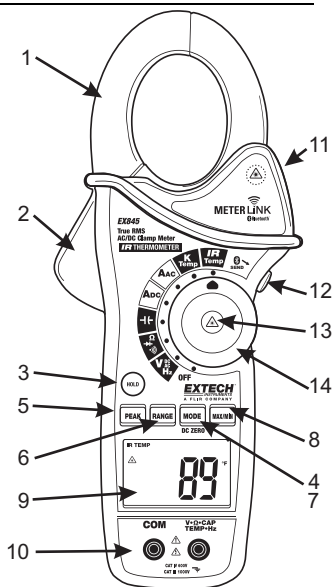
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Function	Maximum Input

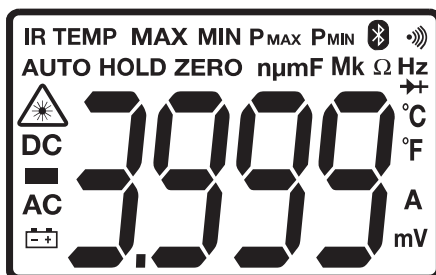


Description

Meter Description



Display icons Description



Ω

μ

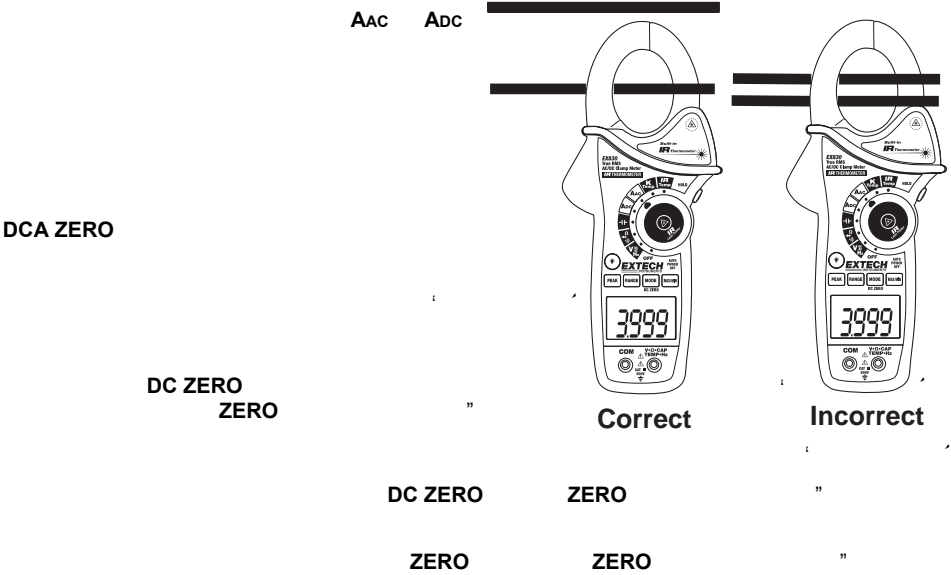


Operation

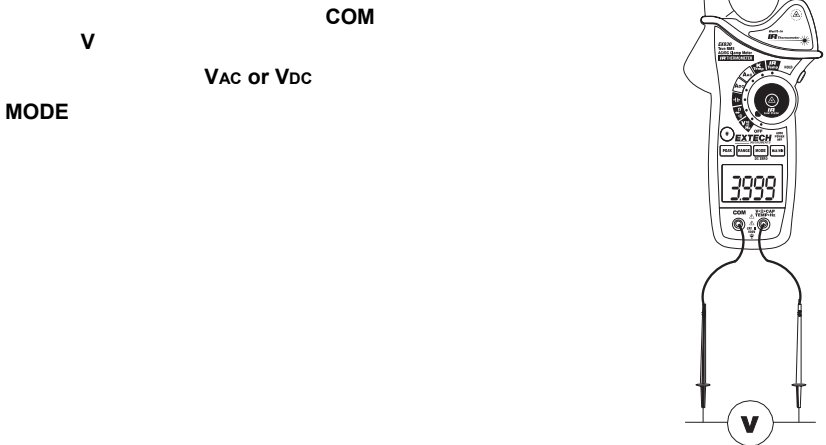
NOTES	Warning	Caution
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AC Current Measurements

WARNING:



AC/DC Voltage Measurements



Resistance Measurements

Ω

COM

Ω

Capacitance Measurements

WARNING:

DISC

"

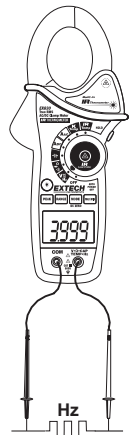
$\text{--}||\text{--}$

CAP

COM

Frequency Measurements

"



Type K Temperature Measurements

K Temp

COM

TEMP



WARNING:

Note:

Note:

Note:

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Continuity Measurements

COM

Ω

•)))

MODE

•)))

MODE

Ω

Diode Test

COM



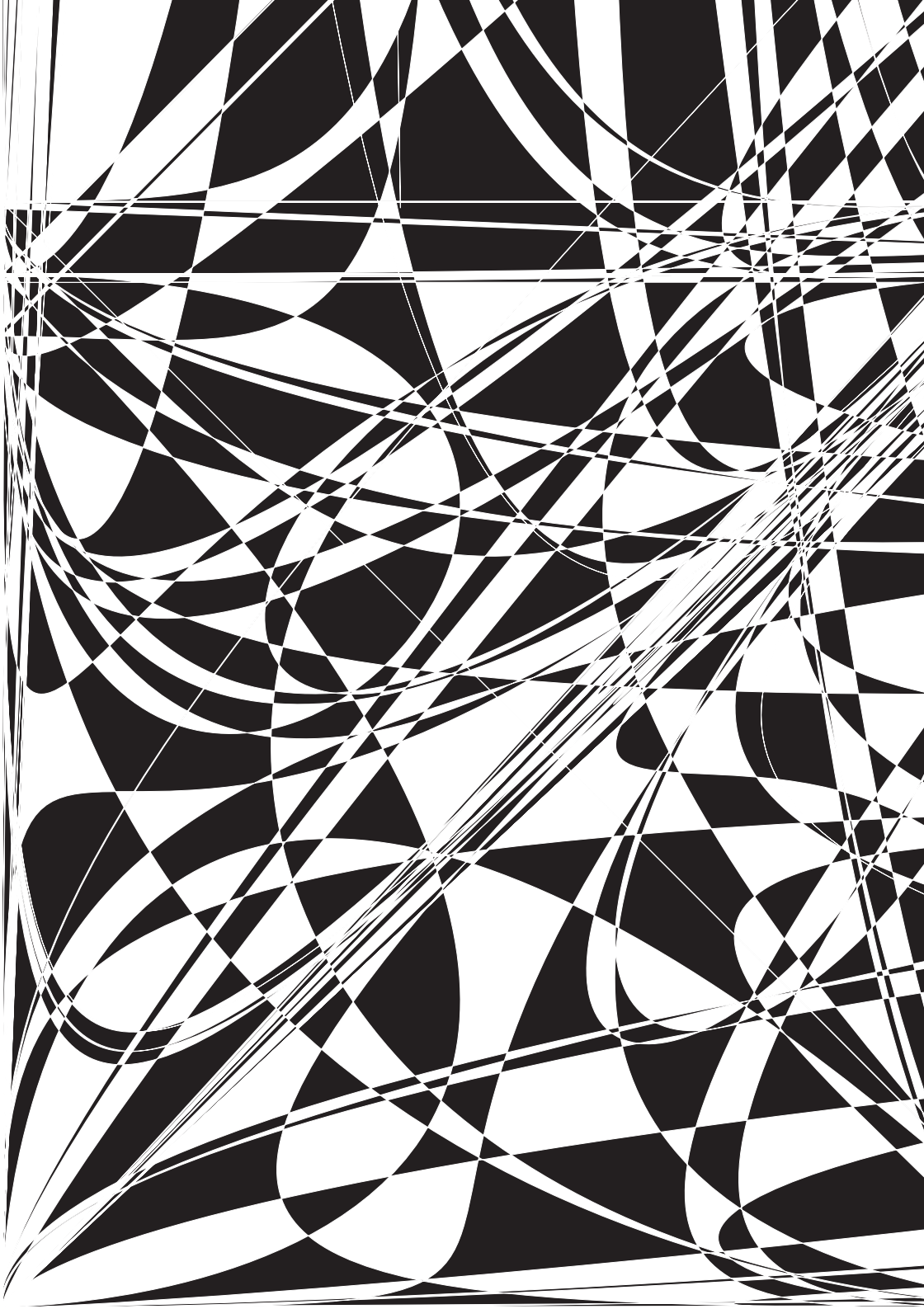
MODE



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Data Hold

HOLD
HOLD

HOLD

Peak Hold

MODE

PEAK

CAL

PEAK Pmax

PEAK Pmin

PEAK

Pmin Pmax

Note

MAX/MIN

MAX/MIN

MAX

MAX/MIN **MIN**

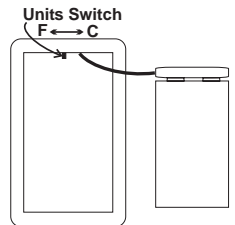
MIN

MAX/MIN

MAX MIN

MAX/MIN

Temperature Units (°F / °C)



LCD Backlight Button 

Automatic Power OFF



1630

122



T/B200, 300, 360, 400 Image Edit

i/B60 Image Edit

FCC Part 15

Warning:

Maintenance

WARNING:

Cleaning and Storage

Battery Replacement



Disposal:

**Battery ordinance
disposal in the household garbage is prohibited!**

Specifications

Function	Range & Resolution	Accuracy (% of reading + digits)
AC Current		±
		±
DC Current		±
		±
AC Voltage		±
		±
		±
DC Voltage		±
		±
		±
Resistance	Ω	±
	Ω	±
	Ω	
	Ω	±
	Ω	±
	Ω	±
Capacitance		±
		±
		±
		±
		±
Frequency		±

Function	Range and Resolution	Accuracy (% of reading + digits)
Temperature (type-K)	-4 to 1400°F	± (3%rdg + 9°F)
	-20 to 760°C	± (3%rdg + 5°C)
Temp (IR)	-58 to -4°F	± 9 °F
	-4 to 518°F	±2.0% reading or ± 4°F whichever is >
	-50 to -20°C	±5°C
	-20 to 270°C	±2.0% reading or ±2°C whichever is >

Clamp jaw opening	43mm (1.7") approx.
Display	3-3/4 digits (4000 counts) backlit LCD
Continuity check	Threshold 40Ω; Test current < 0.5mA
Diode test	Test current of 0.3mA typical; Open circuit voltage < 3VDC typical
Low Battery indication	Battery symbol is displayed
Over-range indication	'OL' display
Measurement rate	2 readings per second, nominal
Bluetooth range	10 meters (32 feet) approximately
PEAK	Captures peaks >1ms
Thermocouple sensor	Type K thermocouple required
IR Spectral response	6 to 16μm
IR Emissivity	0.95 fixed
IR distance ratio	8:1
Input Impedance	10MΩ (VDC and VAC)
AC bandwidth	50 to 400Hz (AAC and VAC)
AC response	True rms (AAC and VAC)
Crest Factor	3.0 in 40A and 400A ranges, 1.4 in 1000A range (50/60Hz and 5% to 100% of range)
Operating Temperature	5°C to 40°C (41°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Operating Humidity	Max 80% up to 31°C (87°F) decreasing linearly to 50% at 40°C (104°F)
Storage Humidity	<80%
Operating Altitude	2000meters (7000ft) maximum.
Battery	One (1) 9V Battery (NEDA 1604)
Auto power OFF	After approx. 10 minutes
Dimensions & Weight	270x110x50mm (10.6x4.3x2"); 386g (13.6 oz)
Safety	For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (2001); EN61010-1 (2001) Overvoltage Category IV 600V and Category III 1000V, Pollution Degree 2.
Patent notice	U.S. Patent 7163336

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