

## Flir Imaging Clamp Meter

**NEW**

- Measure to 600A TRMS AC/DC
- Built-in thermal imager to visually identify problems
- Laser & crosshair to pin point image location
- Center point temperature measurement
- Narrow jaw fits tight spaces
- Built-in work light
- VFD mode for testing variable frequency drives
- LoZ voltage mode
- Inrush current check
- Frequency, capacitance, resistance functions
- Continuity & diode test
- Expandable to 3000A AC
- 10 year warranty


**CM174**

### ORDERING INFORMATION

FLIR CM174	Imaging 600A AC/DC Clamp Meter
FLIR TA72	Universal Flex Current Probe 10"(25cm)
FLIR TA74	Universal Flex Current Probe 18"(45cm)
FLIR TA15	Soft Sided Carrying Case
FLIR TA55	Line Splitter
FLIR TA52	Magnet Mount

### SPECIFICATIONS

Imaging Detector:	FLIR Lepton® microbolometer, 4800 pixels (60 × 80)	
Field of View (V x H):	38.6° x 50.0°	
Color Palettes:	Iron, Rainbow, Grayscale	
Image Frame Rate:	9Hz	
Temperature Measurement:	Center point of thermal image	
Temperature Range:	-13°F to 302°F (-25°C to 150°C)	
Distance to Spot Ratio:	30:1	
Temperature Accuracy:	±5.4°F (3°C) or ±3% of rdg	
Spectral Response:	8 to 14μm	
Temperature Targeting:	Class 1 Laser Pointer and Crosshair on display	
Emissivity Settings:	4 Presets with Custom Adjustment	
<b>Electrical Measurements</b>	<b>Range</b>	<b>Basic Accuracy</b>
AC/DC Voltage:	1000V	±1.0%
VFD AC Voltage:	1000V	±1.0%
LoZ Mode AC Voltage:	1000V	±1.0%
LoZ Mode DC Voltage:	1000V	±1.0%
DC Current:	600.0A	±2.0%
AC Current:	600.0A	±2.0%
VFD AC Current:	600.0A	±2.0%
Inrush AC Current:	600.0A	±3.0%
Frequency:	60.00kHz	±0.1%
Resistance:	6000Ω	±1.0%
Continuity:	600.0Ω	±1.0%
Capacitance:	1000μF	±1.0%
Diode Test:	1.5V	±1.5%
Inrush Threshold:	0.5A min, 100ms integration time	
Display:	6000 count, 2.0" (50mm) Color TFT	
Jaw Opening:	1.38" (35mm), 1250MCM	
Category Rating:	CAT IV-600V, CAT III-1000V	
Certifications:	UL	
Dimensions:	61 x 111 x 40 mm; Probe: 104 x 34 x 20 mm w/ 700 mm cable	
Accessories Included:	4 AAA batteries, silicone test leads, quick start guide, user manual	

## Amprobe Clamp Multimeter

**NEW**

- Dual display shows volts and amps concurrently
- True-RMS AC for accurate measurements
- Low pass filter for current & voltage measurements on variable frequency drives
- Amp-Tip function for precise low current measurement down to 0.1 amp
- HVAC applications with temperature, DC micro-amps & capacitance
- Non-contact voltage detection
- In-rush current
- Audible continuity & diode test
- Type K thermocouple
- Data hold
- Auto ranging
- Auto power off
- Low battery indicator


**ACD-14-PRO**

### SPECIFICATIONS

	Range	Accuracy
AC Voltage (True-RMS):	0.0 to 600.0 V	±1.0% + 5LSD (50 to 60 Hz)
DC Voltage:	0.0 to 600.0 V	±1.0% + 5LSD
AC Current (True-RMS):	0.00 to 600.0 A	±1.8% + 5LSD (50 to <100 Hz) ±2.0% + 5LSD (100 to 400 Hz)
Amp-Tip AC:	0.00 to 60.00 A	±1.5% + 5LSD (50 to 60 Hz)
DC Microamps:	0.0 to 2000 μA	±1.0% + 5LSD
Frequency:	5.00 to 999.9 Hz	±1.0% + 5LSD (600 V range)
Resistance:	0.0 Ω to 60.00 kΩ 60.01 kΩ to 6000 kΩ	±1.0% + 5LSD ±1.2% + 5LSD
Capacitance:	200.0 μF, 2500 μF	± 2.0% + 4LSD
Diode Test:	0.0 to 3.000 V	± 1.5% + 5LSD
Type K thermocouple*:	-40.0 to 752°F -40.0 to 400°C	±1.0% + 1.5°F (-40.0 to 99.9°F) ±1.0% + 2°F (100 to 752°F) ±1.0% + 0.8°C (-40.0 to 99.9°C) ±1.0% + 1°C (100 to 400°C)
Non-Contact Voltage:	10 to 550 V, 50/60 Hz	
Continuity Beeper:	On < 10 Ω, Off > 250 Ω	
Jaw Opening:	1.18 in (30 mm)	
Update Rate:	5 per second nominal	
Operating Temperature:	32 to 104°F (0 to 40°C), <80% RH up to 88°F (31°C) decreasing linearly to 50% RH at 104°F (40°C)	
Display:	Dual backlit LCD with annunciators	
Certification:	cULus, CE	
Dimensions (L x W x H):	8.62 x 3.03 x 1.46 in (219 x 77 x 37 mm)	
Safety Rating:	CAT III 600 V	
Accessories Included:	Manual, test leads, 2 AAA batteries, carry case, Type K thermocouple	

\*thermocouple accuracy tolerances not included

### ORDERING INFORMATION

ACD-14-Pro	600 A TRMS Clamp Multimeter
------------	-----------------------------