

## Product Datasheet - Technical Specifications



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# FLIR

## CM72/CM74

### Commercial Clamp Meters

The FLIR CM72 600A AC Clamp Meter and the CM74 600A AC/DC Clamp Meter give you better access to wiring in hard-to-reach places, and provide all the measurement capabilities you need for advanced troubleshooting. Made with a narrow jaw and high-powered LED worklights, the CM72 and CM74 make it easier to take measurements in dark, crowded panels and cabinets. Their slim, light design is convenient to carry in your back pocket wherever you go. With advanced electrical features including Autoranging, True RMS Voltage and Current, LoZ, Inrush (CM74 only), VFD Mode (CM74 only), and an input for a flexible current probe accessory, the CM72 and CM74 have all the measurement functions you need to stay competitive and ensure accurate readings.

#### **Better clamp access and portability.**

*Take measurements in hard-to-reach places, and carry the clamp wherever you go*

- Made with a narrow jaw for easy access to wiring in crowded panels and cabinets
- Slim clamp design makes it convenient to carry in your back pocket
- Dual bright high-powered LED worklights guide you to your target in poor lighting conditions

#### **All the electrical features you need.**

*Tackle modern challenges, get accurate readings*

- Advanced electrical features including: True RMS, LoZ, VFD Mode (CM74 only), Inrush (CM74 only), Smart Diode with Disable
- Expandable to 3000A AC with TA72 & TA74 Flex Clamp Accessories (sold separately)
- Min / Max, Hold and Auto Power Off with Disable

#### **Engineering you can have confidence in.**

*Built rugged, and includes accessories to make troubleshooting easier*

- Premium gold-tipped silicone test lead accessories included
- Large digit LCD display with bright backlight
- Rubberized double molded hand grips reduce slippage



Make awkward measurements easy with optional TA74 flex clamp accessory



True RMS AC Current up to 600A



The World's **Sixth Sense™**

## Specifications

Technical Summary	CM72	CM74	Basic Accuracy
	MAX Range	MAX Range	
DC Voltage	600.0V	1000V	±1.0%
AC Voltage	600.0V	1000V	±1.0%
VFD AC Voltage	-	1000V	±1.0%
LoZ Mode AC Voltage	600.0V	1000V	±1.0%
LoZ Mode DC Voltage	600.0V	1000V	±1.0%
DC Current	-	600.0A	±2.0%
AC Current	600.0A	600.0A	±2.0%
VFD AC Current	600.0A	600.0A	±2.0%
Inrush AC Current	-	600.0A	±3.0%
Inrush Current threshold	-	Min 0.5A, Integration Time 100ms	
Frequency	60.00kHz	60.00kHz	±0.1%
Resistance	6000Ω	6000Ω	±1.0%
Continuity	600.0Ω	600.0Ω	±1.0%
Capacitance	1000μF	1000μF	±1.0%
Diode	1.5V	1.5V	±1.5%
<b>General Information</b>			
Display Counts	6,000		
Jaw Opening	1.38" (35mm), 1250MCM		
Category Rating	CAT IV-600V, CAT III-1000V		
Certifications	UL		
Battery Type	4 x AAA		
Warranty	Limited Lifetime		
Includes	Clamp Meter, 4 x AAA Batteries, Premium Silicone Test Leads, Quick Start, User Manual (CD), Extended Warranty Registration Card		

Ordering Information	UPC	EAN
FLIR CM72	793950370728	0793950370728
FLIR CM74	793950370742	0793950370742
FLIR TA72 Universal Flex Current Probe Accessory 10"(25cm)	793950377727	0793950377727
FLIR TA74 Universal Flex Current Probe Accessory 18"(45cm)	793950377741	0793950377741
FLIR TA15 Soft Sided Carrying Case	793950377154	0793950377154
FLIR TA55 Line Splitter	793950377550	0793950377550
FLIR TA52 Magnet Mount	793950377529	0793950377529
FLIR TA42 Belt Clip	793950374207	0793950374207
FLIR TA80 Premium Silicone Test Leads	793950377802	0793950377802
FLIR TA70 Alligator Clips	793950377703	0793950377703

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