



TA74 & TA72

# FLIR TA72/74

## Universal Flex Current Probe Accessory

The FLIR Universal Flex Current Probe accessories are designed to add capabilities, simplify challenges, and get the best readings with your existing meter. Made with a narrow flexible coil clamp, you can easily take measurements in tight or awkward spots — a difficult task with a traditional hard jaw clamp meter. The connection is a standard banana plug and the output is a voltage signal, so it's compatible with most DMMs and clamp meters, regardless of brand.

### TAKE ACCURATE MEASUREMENTS IN TIGHT OR AWKWARD SPOTS.

*Tricky conductors conquered*

- Snake the coil around obstacles with ease even in deep, crowded cabinets
- Measure multiple conductors and targets with limited clearance
- Switchable AC current range – 30A, 300A, 3000A

### EMPOWER YOUR METER.

*Compatible with most DMMs and clamp meters, regardless of brand*

- Adds 3000A AC current measurements to existing meters
- Standard banana plug connectors fit most meters
- AC voltage output for wide compatibility

### EASY INSPECTION AND NAVIGATION.

*Designed with your convenience in mind*

- Bright, dual LED work lights provide built-in illumination for dark cabinets
- Rugged design drop-tested to 3 meters, portable and lightweight
- Limited lifetime warranty with registration



FLIR TA72 with work lights



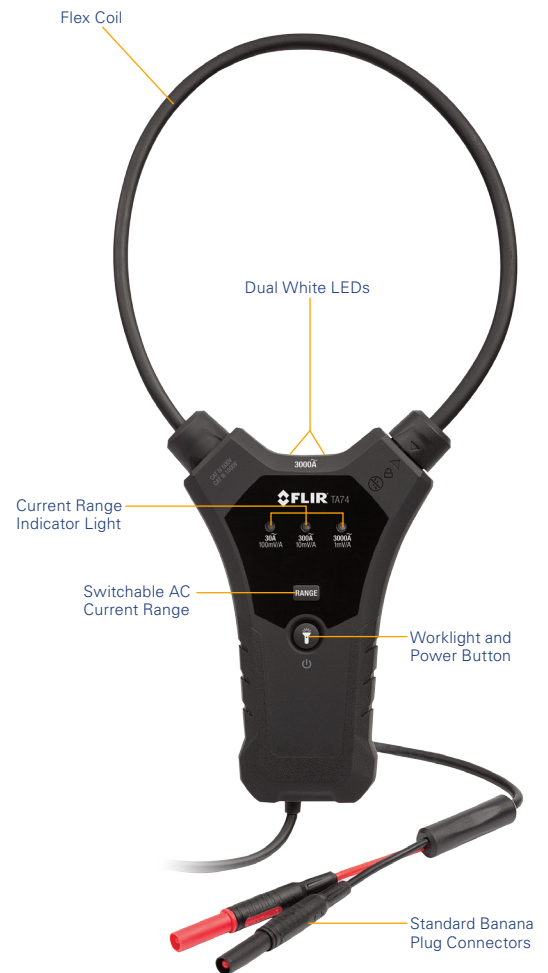
FLIR TA74 used in concert with the FLIR CM83 Clamp Meter

### CHOOSE FROM TWO FLEXIBLE COIL LENGTHS:

- **TA72 - 10"** (25.4cm) for easy maneuverability and compact convenience
- **TA74 - 18"** (45.72 cm) for larger and multiple conductor measurements, double-wrap requirements, and deeper access

## Specifications

Universal Flex Current Probe Accessory	TA72	TA74
Part number	TA72	TA74
<b>Measurement</b>		
Maximum AC current	3000A AC	3000A AC
AC current ranges and resolution	30.00A, 300.0A, 3000A	30.00A, 300.0A, 3000A
Basic AC current accuracy (full scale)	± 3.0% + 5 digits	± 3.0% + 5 digits
Measurement rate	1.5 samples per second, nominal	1.5 samples per second, nominal
AC current bandwidth	45Hz – 500Hz (sine wave)	45Hz – 500Hz (sine wave)
Positional error (distance from optimum)	1.4" (35mm) 1.0% 2.0" (50mm) 1.5% 2.4" (60mm) 2.0%	1.4" (35mm) 1.0% 2.0" (50mm) 1.5% 2.4" (60mm) 2.0%
<b>Meter Data</b>		
Minimum requirements for meter compatibility with TA72	AC voltage function 4000 count display 1mV resolution	AC voltage function 4000 count display 1mV resolution
Max conductor diameter capacity	2.4" (6cm)	4.7" (12cm)
Flex coil length	10" (25 cm)	18" (45 cm)
Flex coil diameter	0.3" (7.5mm);	0.3" (7.5mm);
Flex coil tip diameter	0.5" (13mm)	0.5" (13mm)
Probe length	73" (1.9m)	73" (1.9m)
Work light	Two white LEDs	Two white LEDs
Power supply	(2) 1.5V "AAA"	(2) 1.5V "AAA"
Drop test	9.8' (3m)	9.8' (3m)
Agency approvals	CE, UL	CE, UL
Safety rating	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V
Standards	EN61010-1, EN61010-2-032	EN61010-1, EN61010-2-032
Warranty	Limited lifetime with registration	Limited lifetime with registration



**PORTLAND**  
Corporate Headquarters  
FLIR Systems, Inc.  
27700 SW Parkway Ave.  
Wilsonville, OR 97070  
USA  
PH: +1 503.498.3547

**BOSTON**  
FLIR Systems, Inc.  
25 Esquire Road  
North Billerica, MA 01862  
USA  
PH: +1 978.901.8000

**EUROPE**  
FLIR Systems, Ltd.  
West Malling, Kent  
United Kingdom  
PH: +44.1732.220011

**SWEDEN**  
FLIR Systems, AB  
Täby, Sweden  
PH: +68.8.753.2500

www.flir.com  
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2015 FLIR Systems, Inc. All rights reserved. [Created 05/27/15]