Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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CM57 & CM55 Flexible Clamp Meters

FLIR
Flexible Clamp Meters

The FLIR Flexible Clamp Meters with Bluetooth® are ergonomic tools designed to simplify difficult current measurements. Made with a narrow flexible coil clamp, the CM55 and CM57 let you easily take measurements in tight or awkward spots— a difficult task with a traditional hard jaw clamp meter. With Bluetooth communication for remote viewing and data transfer to iOS® and Android™ devices via the FLIR Tools Mobile App, you can analyze and share data fast right from the jobsite.

TAKE ACCURATE MEASUREMENTS IN TIGHT OR AWKWARD SPOTS.
Tricky conductors conquered

- Snake the coil around obstacles with ease, even in deep, crowded cabinets

- True RMS AC Current up to 3,000 Amps for multiple conductor measurements

- Inrush current function for equipment start-up spikes

EASY INSPECTION AND NAVIGATION.
Designed with your convenience in mind

- Standalone flexible clamp meter displays the readings you need

- Bright, dual LED worklights provide built-in illumination for dark cabinets

- Drop tested to 3 meters, portable, lightweight, and tangle-free without compromising measurement range

FLIR CM57's Flexible Cable works into tight areas

REMOTE VIEWING FROM A SAFE DISTANCE.
Transfer & view data on mobile devices with FLIR Tools Mobile App

- Connect to iOS and Android smartphones or tablets

- Multiple units wirelessly connect for remote viewing of multiphase systems

- Data recording for trend analysis transferable via Bluetooth

CHOOSE FROM TWO FLEXIBLE COIL LENGTHS:

- **CM55 – 10"** (25.4cm) for easy maneuverability and compact convenience

- **CM57 – 18"** (45.72 cm) for larger and multiple conductor measurements, double-wrap requirements, and deeper access

Bluetooth capability gives readings at safe distances

◆FLIR® | The World's Sixth Sense™

Specifications

Flexible Clamp Meters	CM55	CM57
Maximum AC current	3000A	
AC response	True RMS	
AC current ranges and resolution	30.00A, 300.0A, 3000A	
Basic AC current accuracy (of reading)	± 3.0% + 5 digits	
Maximum resolution	0.01A	
AC current bandwidth	45Hz – 500Hz (sine wave)	
Inrush current	Min 0.5A, 100mS	
Data record mode	20,000 points , 1 min sample rate	
Positional error (distance from optimum)	0.6" (15mm) ± 2.0% 1.0" (25mm) ± 2.5% 1.4" (35mm) ± 3.0%	1.4" (35mm) ± 1.0% 2.0" (50mm) ± 1.5% 2.4" (60mm) ± 2.0%
Meter Data		
Display	3000 count LCD with backlight and multi-function indicators	
Max conductor diameter	2.4" (6cm)	4.7" (12cm)
Flex coil length	10" (25cm)	18" (45cm)
Flex coil diameter	0.3" (7.5mm)	
Flex coil tip diameter	0.5" (13mm)	
Worklight	Two white LEDs	
Bluetooth range max	32' (10m)	
Wireless ID# max	Up to 20	
Power supply	(2) 1.5V "AAA"	
Drop test	9.8' (3m)	
Agency approvals	FCC Class B, CE, UL	
Safety rating	CAT IV 600V, CAT III 1000V	
Standards	EN61010-1, EN61010-2-032, EN61326-1	
Warranty	Limited lifetime with registration*	

* Register within 60 days of purchase at www.flir.com/testwarranty

Flex Coil

Dual White LED Worklights

Ring-Lock/ Unlock Flex Coil

Navigation and Function Buttons

Backlit Multi-Function Indicator LED Screen

Worklight and Power Button

Ordering Information	CM55	CM57
UPC	793950370551	793950370575
EAN	0793950370551	0793950370575

FLIR | The World's Sixth Sense™