



CM57 & CM55 Flexible Clamp Meters

FLIR CM55/57

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

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



FLIR CM57's Flexible Cable works into tight areas



Bluetooth capability gives readings at safe distances



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



| Ordering Information | CM55 | CM57 |
|----------------------|---------------|---------------|
| UPC | 793950370551 | 793950370575 |
| EAN | 0793950370551 | 0793950370575 |

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

NASHUA
FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 603.324.7600

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

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

Distributed by:



testoon
COM
The measurement website

99, rue Beranger 92320 Chatillon - France
Tel : +33 (0)1 71 16 17 00; Fax : +33 (0)1 71 16 17 03
www.testoon.com

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 06/04/15]



The World's Sixth Sense™