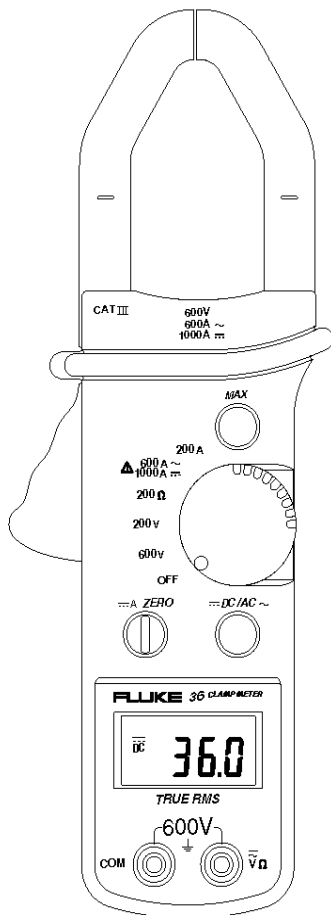


# Model 36 Clamp Meter

AC/DC and true-rms measurements



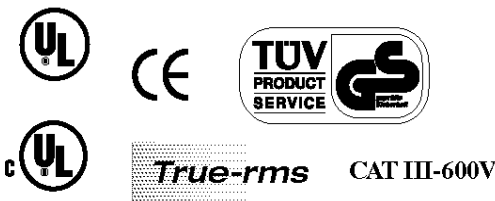
Now you can do more with one tool. The Fluke Model 36 is a rugged, reliable clamp meter that measures ac and dc current and volts. This versatile clamp meter offers true-rms sensing and MAX Hold for measuring inrush current or maximum load on a circuit. Tapered jaws and slim profile let you get at cables in tight places. Use it for troubleshooting in industrial, commercial, avionics and marine environments.

**Operating temperature:**  
 -10°C to 50°C (14°F to 122°F)  
**Battery life:** 60 hours continuous, alkaline, sleep mode  
**Size:**  
 248.9 mm L x 95.2 mm W x 45 mm D  
 (9.8 in L x 3.75 in W x 1.75 in D)  
**Weight:** 0.45 kg (1 lb)  
**One year warranty**

- Jaws accept one 750 MCM (1.2" [3 mm]) cable or two 500 MCM (.98" [2.46 cm]) cables up to 38 mm (1.5" in diameter)
- DC current zero control for nulling out jaw/sensor offset
- Easy, single-handed operation
- Easy-view 2000 count digital display
- Continuity beeper
- Protective soft carrying case and TL75 test leads included
- Sleep mode extends battery life

## Features

Features	36
True-rms	•
AC Current	•
DC Current	•
AC Voltage	•
DC Voltage	•
Resistance	•
Continuity Beeper	•
Max Hold	•
Safety Hand Guard	•
Carrying Case	•



## Accessories and Ordering Information

**Included Accessories**  
 The Fluke 36 comes equipped with a soft carrying case, TL75 Hard Point™ Test Leads, Operator's Manual, and 9V battery (installed)  
**Ordering Information**  
 Fluke 36 Clamp Meter

**Need Technical Assistance? Call:**  
**1-800-44-FLUKE**

**Toll-free in the U.S.**  
**(905) 890-7600 in Canada**  
**(206) 356-5500 other countries**

**To be connected to a distributor near you call 1-800-59-FLUKE.**

## Specifications

Function	Range	Accuracy	Crest Factor	Protection
DC Current*	1000A 1000A 200A	0-600A, 1.9% Rdg + 4 Digits 600-1000A, 3% Rdg + 3 Digits 0-200A, 1.9% Rdg + 7 Digits	NA	1000A
DC Volts	600V/200V	1.0% Rdg + 3 Digits	NA	1200V rms continuous
AC Current (45-400 Hz)	600A 200A	10-600A, 2% Rdg + 3 Digits 0.5-200A, 2% Rdg + 5 Digits	2 ≤ CF ≤ 3, Add 2% Rdg	600A continuous (CF ≤ 3)
AC Volts (45-400 Hz)	600V/200V	1.5% Rdg + 3 Digits	≤ 3 (pk voltage ≤ 933V)	1200V rms
Ohms	200Ω	1.2% Rdg + 5 Digits	NA	660V rms continuous

\*Electromagnetic compatibility: (DC Current specification only)  
 RF field = ≤ 1V/m, total accuracy = specified accuracy  
 RF field = 3V/m, total accuracy = specified accuracy + 4% of range

2. Do not store the REX in your pants pocket. The REX should never be bent or this problem may occur, or even worse, you may actually damage the device.

3. Make sure the battery doors are tightly closed.

4. Clear the memory on the REX. To completely clear the memory, turn the REX off. Hold down the View key (2nd from the top), then very gently insert the paper clip in the recessed reset button in the back. Choose "Clear Memory," press the Select key. When "Done" appears on the screen, press the View key, select Restart, and then press the Select key. Synchronize again.

Q: Is there a way to test the REX memory?

A: Yes, to test the REX memory, do the following:

1. Turn the REX off.

2. While holding down the View key, insert a paperclip in the back of the REX. System Mode should appear.

3. Press the down arrow key to select Clear Memory and press the Select key. When "Done" appears, press the Select key again.

4. Press the down arrow key to select Memory Tests and press the Select key. Press the Select key again when done testing. To restart the REX, press the down arrow key to select Restart and press Select once more.

If any of the memory tests fail, it is likely that the REX is defective. Contact Franklin's Customer Service, by calling 1-888-REX-6400 (1-888-739-6400). Press 2 when prompted to request a warranty replacement. You can also call 1-609-386-2500.

Q: The sorting of contacts on the REX is extremely slow when sorting on Company. Is there any workaround?

A: If you map the Company field to the Last Name field, the sort process should be faster since the records are sorted by Last Name as they are written to the device.

Q: Some of the e-mail addresses get truncated when transferred to the REX card. Is there a way to get around this problem?

A: You can map the e-mail address to the Notes field on the REX since the notes field can store more data. The maximum number of characters that can be displayed on the REX for fields is dependent upon the types of characters entered since the font used on the REX is proportional. The address fields can also store more characters than the e-mail, phone, pager, and Web fields in case you need to map multiple e-mail fields.

Q: Is there any way to remove the phone number field from the index screen on the REX for contacts? Some of my names are very similar and the only way to find the one I want is to click the View key.

A: Although there is no option for changing that behavior, there is a workaround.

If a contact has one or more 'phone number' fields mapped, at least one of these fields must be displayed in the Contacts index view on the REX. The phone, pager, email, and Web fields are considered 'phone number' fields in this context.

If any of the 'phone number' fields are mapped, the first field mapped in the following list will be displayed on the index screen on the REX card:

Work Phone (1-3)

Home Phone (1-3)

Email (1-3)

Work Fax

Home Fax

Cell Phone

Car Phone

Pager

Other

Main Phone (1-3)

Web

For example, if you map Work Phone, the Work Phone data will appear in Contacts index view on the REX. If the only 'phone number' field mapped is Main Phone, then the Main Phone data will appear in index view.

The 'phone number' fields also have labels associated with them and those labels will appear on the REX. Currently, there is no way to change or delete the 'phone number' field labels on the REX. However, although 'phone number' fields have labels, 'address' fields (i.e., Home Address, Home City, Home State, etc.) do not have labels. Also, 'address' fields do not display in index view.

If you would like to ensure that only the first and last name appears in Contacts index view, you can map 'phone number' fields to an 'address' field instead. The downside to doing this is that you will then need to press the View key to drill down to see the 'phone number' fields. In addition, since address fields do not have a label associated with them, the REX will not display any label for those fields.

Q: The REX clock is set to a time in the future after synchronizing. It was also very warm when I removed it from the PC Card slot. Is this causing the time discrepancy?

A: Because the REX may become warm when left in a PC Card slot, we recommend inserting it immediately prior to synchronizing and removing it when done. This will help keep the REX clock from specifying the incorrect time.

Q: The screen on the REX device flickers occasionally. What may be causing this?

A: This behavior is typically caused by viewing the REX under fluorescent lighting. There is nothing wrong with the REX card itself.

Q: Occasionally, the REX device will not insert into the PC Card slot. What can I do to fix this?

A: Press down along the edge of the contact end of the REX device between the two screws to ensure the top and bottom of the device is firmly attached. Also, check to ensure other PC Cards will insert into the slot.

Q: The REX screen is damaged. Can it be repaired?

A: You can return a REX that has a cracked screen to Franklin Rolodex to have it replaced. Please contact Franklin's Customer Service by calling 1-888-REX-6400 (1-888-739-6400) and press 2 when prompted. Or, you can call 1-609-386-2500.

Q: When a name with an accent, like Márquez, is entered, it sorts fine in TrueSync Information Manager. When moved to the REX card, it becomes the first item listed in the M's. Also, when drilling down to get to M, selecting it does not sub-divide the M's, but goes straight to the first one. Is there a way to change this behavior?

A: As a workaround, you can convert the accented characters to unaccented characters.

Q: I've recently purchased a memo recorder that fits inside my REX leather case. The speaker contains a small magnet. Will storing the REX close to this magnet harm the REX or affect the integrity of the data?

A: The memory in the REX is not a magnetic-based type. Although we do not believe it should cause a problem, we cannot guarantee it since we have not tested under these conditions.

Q: Is it possible to increase the alarm volume on the REX?

A: The REX card does not have a volume control. However, you can set the alarm to sound for a longer time in the Preferences screen on the REX.

One user found that he had a difficult time hearing alarms when the REX was stored in the standard case. However, he found that when he stored the REX in a metal business card case he could then hear the alarms.

Starfish and TrueSync are registered trademarks of Starfish Software. REX is a trademark of Franklin Electronic Publishers, Inc.

*DISCLAIMER: You have the right to use this technical information subject to the terms of the License Statement, Limited Warranty, and Limitation of Liability that you received with the product to which this information pertains.*