

FLUKE®

FlukeView Forms

Documenting Software

45 Meter Connection Page

To connect the 45 meter to a PC for use with *FlukeView Forms Documenting Software*, you will need a Fluke model RS43 serial interface cable (Fluke Part No. 946470, shipped with *FlukeView Forms* model FVF-SC3 or available for purchase directly from Fluke), or a third party NULL modem cable, for connecting the 45 to your PC. (NULL modem cables are often referred to as "computer to computer" serial cables.)

If your 45 multimeter has the optional IEEE-488.2 interface, the 45 must be configured to communicate with the serial interface, and not the IEEE interface. See your Fluke 45 Users Manual for details on how to do this.

To setup the Fluke 45 to communicate with FlukeView Forms, you will need to configure the communication settings so that:

- Baud rate is 9600
- Parity is None
- Echo is Off
- Disable the RS-232 Print Only mode

To configure communications on the Fluke 45, refer to Section 5 of the *Fluke 45 Users Manual*; or perform the following steps:

1. Press the **[2ND]** and **[RATE]** keys to enter the communications set up. The display will show {baud rate} "bAud".
2. Press the gray [up arrow] key until the baud rate shows 9600. Press the **[AUTO]** key to accept that value and continue.
3. The display will now show {parity} "PAR". Press the gray [up arrow] until the parity shows "no" (none). Press the **[AUTO]** key to accept that value and continue.
4. The display will now show {echo mode} "Echo". Press the gray [up arrow] or [down arrow] keys until echo mode shows "OFF". Press the **[AUTO]** key to accept that value and complete the setup
5. Press the **[2ND]** and **[MN/MX]** keys to enter the RS-232 Print Only Mode. The display will show {rate} "Print".
6. Press the gray [down arrow] key until rate shows "0" (disabled) Press the **[AUTO]** key to accept that value and complete the setup.

After the Fluke 45 is configured:

1. Connect the Fluke 45 to the serial port of the PC with the serial interface cable.
2. Open *FlukeView Forms Documenting Software*.
3. The current COM serial port setting is displayed at the bottom right of the *FlukeView Forms* window. Double-click on it to change the COM port setting.
4. Follow the instructions for transferring data from the meter to the PC found in the online *User's Manual*.