

Using the Fluke 289

This is a manual setup mode, assuming you do not have a computer

Starting with just the meter:

Turn the meter on.

Select **SETUP**

DO NOT Select **RESET**

This will bring the meter to back to factory specs

Select **SETUP**

Select **METER INFO**

Should see:

Model Fluke 289

Serial #

Firmware Revision.....

Calibration date....

Calibration counter

Operator: Your name here

Company: If desired

Site: SN-RG or similar

Contact info: If desired

Recording memory available: 99 to 100% if empty

Select **CLOSE**

Select **SETUP**

Select **INSTRUMENT**

Should see:

Beeper: off

dbM Reference: 0600 ohms

Auto backlight time out: 5 or 10 min

Auto Power Off: Off

Smoothing (AC): Off

Select **CLOSE**

Select **SETUP**

Select **RECORDING**

Should see:

Event Threshold for AutoHold: **30%**

Event Threshold for Recording: **Off**

Select **CLOSE**

Select **SETUP**

Select **DISPLAY**

Select DATE/TIME

Set the Date and Time

Select **CLOSE**

Check the Display to see Date and Time are correct

Select **SETUP**

Select **DISPLAY**

Select FORMAT

Should see:

Language: English

Time Format: 24 hour

Date Format: mm/dd/yy

Numeric Format: 0.000

Select **CLOSE**

DO NOT select CALIBRATION

Select **CONTRAST** if needed

DO NOT Select SECURE ERASE

This will bring the meter to back to factory specs

Getting ready to LOG DATA:

Set RANGE to VAC Use **MANUAL RANGE** 5 vac for CC and 50 vac for the other channels

Select **SAVE**

Select **RECORD**

With Sample Interval set at 1 second - Duration should be set at 2 hrs 47 minutes

With Sample Interval set at 3 seconds - Duration should be set at 8 hrs 23 minutes

With Sample Interval set at 10 seconds - Duration should be set at 1 day 3 hrs 56 minutes

With Sample Interval set at 60 seconds - Duration should be set at 6days 23 hrs 40 minutes

Memory available should be 99%

Battery should say full or something similar

Select **START**

Recording will begin

Note the start date/time, is it correct?

Look at the remaining time are the days, hours, minutes correct?

Watch the sample intervals

Do the intervals increment?

Is the time between samples OK?

Power ON button should flash GREEN

RECORDING should be in the upper right corner of display

WHEN YOUR READY TO STOP COLLECTING DATA:

Select **STOP**

Select **SAVE**

Select **+NAME**

Save as **SAVE1**

Select **TREND** and view chart if you like

Select **CLOSE**

You can shut off meter at this point

Connect cable between PC and 289

Power up the 289

Start up FlukeView Forms: Version 3.5 is available as of October 2010

Under "Select a form template" choose "Logging Form"

Let the program download the data automatically or select "Get Meter Data"

Under the **FILE** menu select **SAVE AS**

 ID the data so you can refer to it later

Make sure your saved file shows up under "Saved Forms"

Add text on "Test Purpose" block and maybe name the graph

Under the **FILE** menu select **SAVE** and replace the existing file

You now have your data saved to the computer so you can
 print the graph or export the data.

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