

## **CMS-50E Instructions by Cooper Medical Supplies**

(These instructions are to supplement the manufacturer's user manual not to replace it!)



Note: There are several software versions that are compatible with the CMS-50E. It depends on which version of Windows you are using and which version of firmware your oximeter has (the number that first shows on your oximeter screen when you first power it on). The software is always being changed and improved. If you purchase the oximeter from Cooper Medical Supplies, I will send you an email that may have instructions that are newer than this manual.

### CMS-50E

Version below 6.7 Firmware

Windows Vista, XP, or earlier use version 1.0 of SPO2 Review

Windows 7 use version 1.2 of spo2 review software

Versions above 6.7 firmware

Windows Vista, XP, or earlier use version 1.0 of SPO2 Assistant

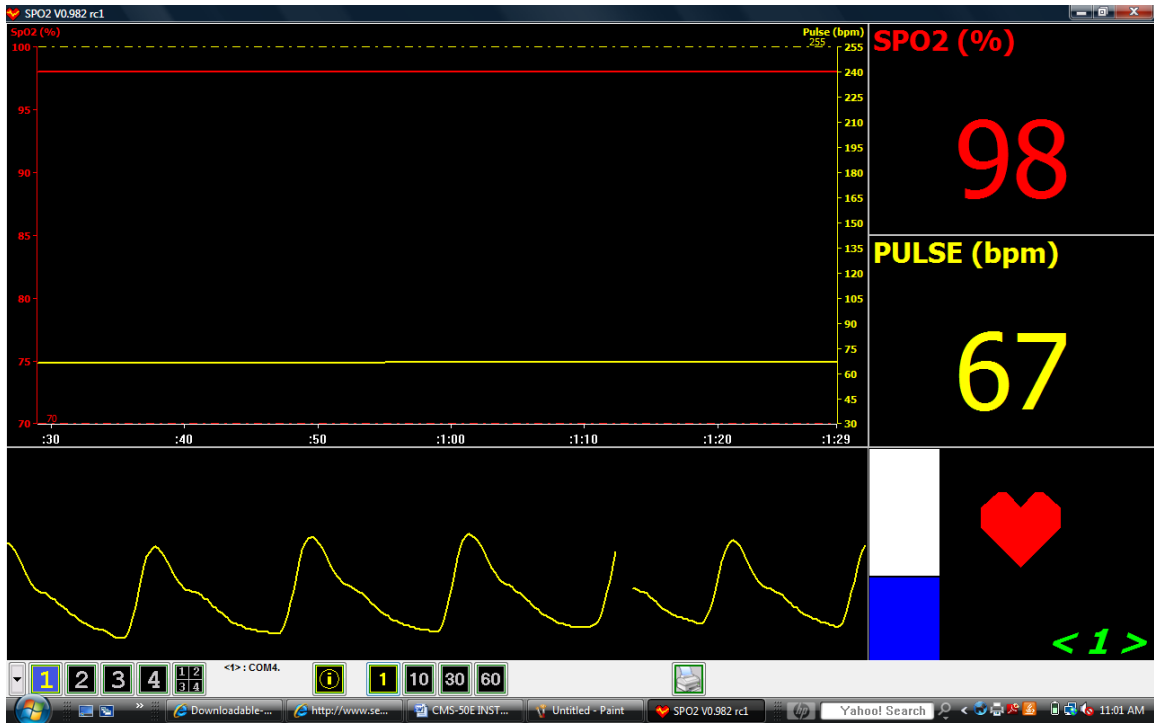
Windows 7 use version 2.1 of spo2 assistant

These instructions are intended to be used with the SPO2 Review software. If your oximeter requires the SPO2 Assistant, please refer to the SPO2 Assistant Download Instructions that are on my site at:

[http://www.pulseoxstore.com/SPO2\\_Assistant\\_Download\\_Instructions.doc](http://www.pulseoxstore.com/SPO2_Assistant_Download_Instructions.doc)

Once you have installed the software onto your computer, you will have 2 icons on your desktop. One is a red heart that says SPO2, and the other is a green heart that says SPO2 Review. For continuous readings on your computer screen select SPO2. For downloading readings and sleep studies select SPO2 Review.

# SPO2 Software



(Screenshot of SPO2 with 1 Oximeter)



(Screenshot of SPO2 with 4 oximeters on screen)

## CMS-50E RECORDING INSTRUCTIONS

- STEP 1: PRESS THE POWER BUTTON TO TURN THE OXIMETER ON.
- STEP 2: PRESS THE POWER BUTTON AGAIN TO GO INTO THE SETTINGS MENU.
- STEP 3: PRESS THE POWER BUTTON UNTIL RECORD IS HIGHLIGHTED.
- STEP 4: PRESS THE POWER BUTTON AGAIN TO TURN THE RECORD FUNCTION ON.
- STEP 5: TIME: 00:00 Y/N APPEARS
- STEP 6: PRESS THE POWER BUTTON AND HOLD FOR A FEW SECONDS TO ADJUST THE TIME (IN MILITARY TIME). 6:00 PM = 18:00. TO GO TO THE NEXT SETTING PRESS AND RELEASE THE POWER BUTTON
- STEP 7: PRESS THE POWER BUTTON UNTIL THE Y IS UNDERLINED AND PRESS AND HOLD THE POWER BUTTON AGAIN. RECORD IS NOW ON
- STEP 8: PRESS THE POWER BUTTON UNTIL EXIT IS HIGHLIGHTED AND HOLD THE POWER BUTTON DOWN. THE OXIMETER WILL SHOW "RECORDING" AND THEN GO BLANK. THIS IS SO YOU CAN WEAR THE OXIMETER AT NIGHT AND THE LIGHTS ON THE OXIMETER WILL NOT BOTHER YOU. IF YOU PRESS THE POWER BUTTON AGAIN, YOU WILL SEE RECORDING FLASH ON THE SCREEN AND THEN DISAPPEAR. IF YOU WOULD LIKE TO SEE YOUR READINGS, PRESS AND HOLD THE POWER BUTTON. THE OXYGEN READING WILL SHOW ON THE SCREEN FOR A FEW SECONDS AND THEN GO BLACK AGAIN.

PLEASE NOTE: ONCE STARTING A NEW RECORDING ALL PREVIOUS DATA WILL BE LOST

ONCE YOU FINISH RECORDING:

- STEP 1: TAKE THE OXIMETER OFF. OPEN THE SPO2 REVIEW SOFTWARE.
- STEP 2: CONNECT THE OXIMETER TO THE COMPUTER VIA USB CABLE.
- STEP 3: HIT THE MAGNIFYING GLASS ICON AND PRESS NEW SESSION AND ENTER YOUR INFORMATION. THE SCREEN SHOWS DEVICE CONNECTED: WAITING FOR DATA.
- STEP 4: PRESS THE POWER BUTTON AND TURN THE OXIMETER ON AND PRESS THE POWER BUTTON AGAIN TO GO INTO THE SETTINGS MENU
- STEP 5: PRESS THE POWER BUTTON UNTIL YOU GET TO UPLOAD OFF
- STEP 6: PRESS AND HOLD THE POWER BUTTON UNTIL UPLOAD SAYS ON. YOUR DATA WILL BE UPLOADED INTO THE SPO2 REVIEW SOFTWARE. YOU CAN NOW GO INTO THE SOFTWARE AND HIT THE TOOLS BUTTON IF YOU WANT TO ADJUST THE PARAMETERS OF YOUR READING.
- STEP 7: PRESS THE PRINT ICON AND YOU CAN CHOOSE THE TYPE OF REPORT THAT YOU WANT.



(Screenshot of SPO2 Review Screen when first opened).

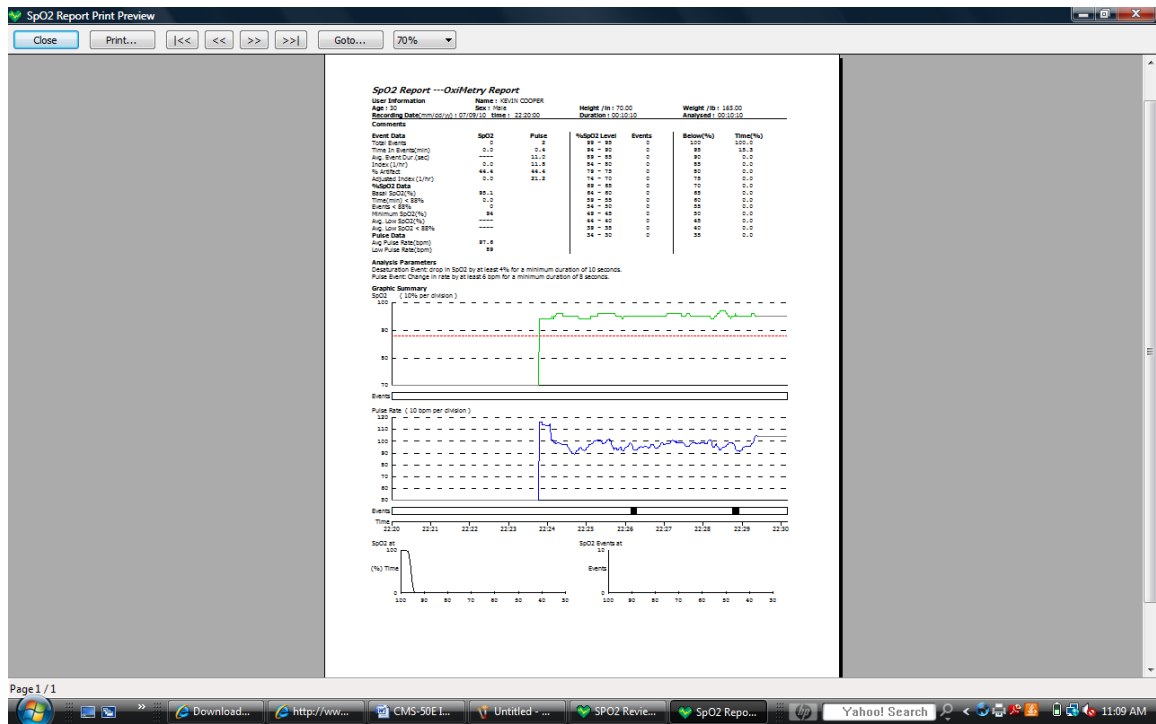
(Screenshot of SPO2 Review Software New Session Entry. Press the Magnifying glass to get to this screen and upload your data.)



(Screenshot of sample data recording in SPO2 Review)



(Screenshot after hitting printer button. You will have the option of which report you want to print from Summary Report, Full Study Report, Oximetry Report, or Strip Chart Report).



(You may preview each report before printing)



You may also notice small squares on your graph. These appear at 22:26 and 22:29 on this graph. These show when you are having a SPO2 or Pulse Rate event. If you would like to set the Parameters for these events simply click on the Tools Icon in the lower left hand corner of the SPO2 Review Software and you will see a box like the one above.

Note: Normally a desaturation event is considered a drop of 4% for at least 10 seconds. Also, when a person's oxygen level drops to 88% or below, they are considered to be hypoxic and not getting enough oxygen into the bloodstream.