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Quick reference guide

Using the Capnostream™ 35 portable respiratory monitor

Medium priority alarm

(2) Nellcor™ SpO$_2$ sensor port

(1) On/Off button

Battery status

High priority alarm

Date and time

(2) Microstream™ Capnography EtCO$_2$ input connector

Battery power indicator

Back button

Home button

(3) Menu

(4) Alarm silence

Enter button/ directional arrows

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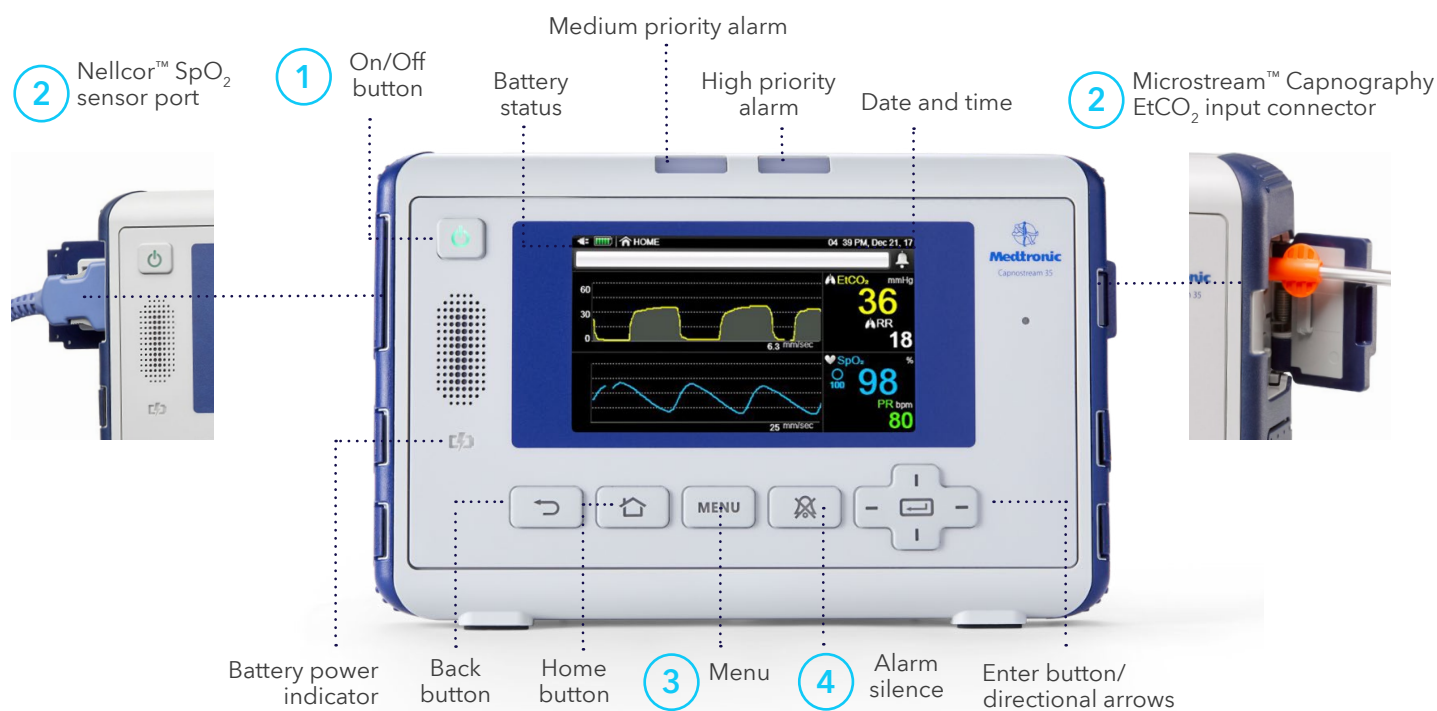
1 Start monitoring

- Confirm the monitor is plugged in by observing a green or orange light at the battery/power indicator.
- Press the On/Off button at the front of the monitor.
- If the monitor is in EMS mode, it will be immediately ready for use. If EMS mode is disabled, you will see this screen:

Should the monitor be prepared for a new patient by clearing memory?

No   Yes
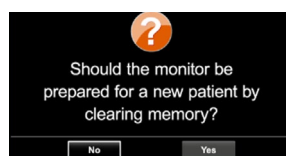
- Use the directional arrows to toggle to Yes/No and Enter to initiate monitoring.

2 Connect the patient

- Apply the appropriate Microstream ™ Advance filter line to the patient.
- Secure the quick seal connector to the Microstream™ EtCO$_2$ input connector on the right side of the monitor, turning clockwise a quarter turn until snug. **Do not overtighten.**
- Insert the SpO$_2$ patient monitoring cable (DOC10 or DOC4) into the Nellcor™ SpO$_2$ pulse oximetry sensor port.
- Place the SpO$_2$ sensor on the appropriate site for the sensor selected. Connect the SpO$_2$ sensor to the patient monitoring cable.
- Monitoring will automatically begin once a Microstream™ Advance filter line and/or SpO$_2$ sensor is connected to the monitor.

3 Selecting patient type

- Click the Menu button.
- The first option is Setup>Alarm Setup.
- On the Setup Menu screen, navigate to the Patient Type icon using the directional arrows and click Enter to open the drop-down menu.
- Using the directional arrows, select the relevant patient type.
- Select Enter and, if requested, Confirm.

Changing alarm limits (temporary basis)

- Click the Menu button.
- Setup>Alarm Setup is the first choice. Click Enter.
- Navigate to the relevant alarm and click Enter. The up-and-down indicator arrows on the screen will become active. Using the directional arrows, select the desired alarm limit and click Enter for No Breath or Apply for other limits.
- Change additional limits if desired.
- Select Home to return to the Home screen.

NOTE: Alarm limits revert back to institutional defaults once monitor is turned off and back on.

4 Alarm silence and Standby

- Push the Alarm Silence button to silence an alarm for two minutes.
- To place the monitor in Standby, disconnect the sampling line and/or the SpO_2 sensor from the monitor, then push and hold the Alarm Silence button for two seconds.
- The monitor will remain in Standby until the sampling line and/or the SpO_2 sensor is reconnected.

Alarm review screen

Lists patient alarms (except for Nellcor™ SatSeconds alarm management) and indicates both the current upper and lower limits for each alarm and the number of each alarm that has occurred over the last hour.

The Microstream™ capnography monitoring system should not be used as the sole basis for diagnosis or therapy and is intended only as an adjunct in patient assessment.

Refer to the Capnostream™ 35 portable respiratory monitor operator's manual for complete details on how to use the monitor.

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To open the Alarm Review Screen:

- Click Menu. Navigate to and select Report on the Menu screen and View Report>Alarm Review on the Setup Menu screen.
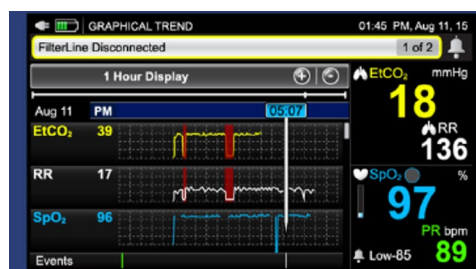- Select Alarm Review screen. Click Enter.

Trend review

Monitor stores the previous 48 hours of data in graphical and tabular trend data.

To access graphical trends:

- Click Menu.
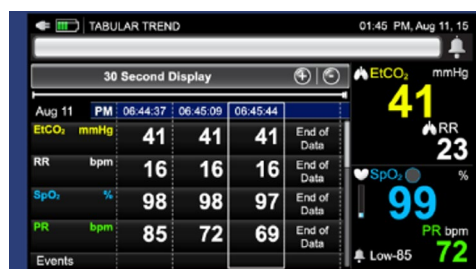- Navigate to and select Trend.
- Navigate to and select Graphical Trend.

To access tabular trends:

- Click Menu.
- Navigate to and select Trend.
- Navigate to and select Tabular Trend.

To change the time period being displayed:

- Click Enter.
- Navigate to and select the desired zoom option.
- Click Enter.
- Use directional arrows to view a different time period.

Display screen options and parameters can be found in the operator's manual.