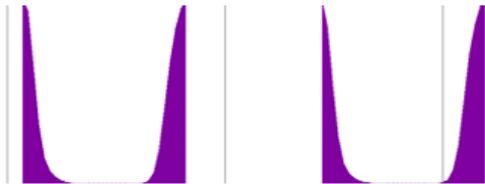


CO₂ Troubleshooting Guide

Information on CO₂ Monitoring

- CO₂ measurement will begin automatically after the sensor has been attached to the breathing circuit.
-  appears in the numeric field when there is not yet a measured value available, however the CO₂ module is running.
- Do not disconnect the CO₂ intermediate cable from or reconnect to the C3 during operation. Always power the device down first.
- Stretching the CO₂ cable and incorrect cable management may cause mechanical stress damage and impair CO₂ readings.
- Do not use CO₂ monitoring with re inhalation anaesthesia systems. Re-inhaled CO₂ can lead to false readings.
- Only use sensors and adaptors approved by the manufacturer.

Appearance of Altered Waveform Characteristics



Situation:

Capnography waveform appears cut off at the top.

Possible Cause:

Incorrect scale set.

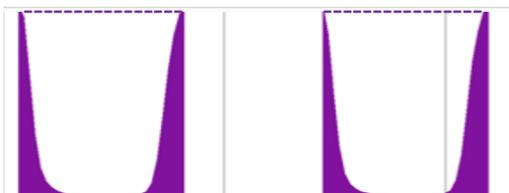
Action:

Check the scaling and set to a more clinically appropriate scale.

- Select the CO₂ waveform field and open the CO₂ context menu
- Select the required scale in the context menu and confirm

mmHg scale options: 0-60, 0-80, 0-100

kPa scale options: 0-8.0, 0-10.7, 0-13.3



Situation:

A dashed line appears at the top of the capnography waveform and two dashes appear in the numeric field.

Possible Cause:

The CO₂ measurement is outside the specified range capability of the CO₂ module.

Action:

Clinical management to decrease the ETCO₂.



Situation:

Capnography waveform appears too wide or too narrow and does not represent the respiratory rate accurately.



Possible Cause:

Incorrect sweep speed set.

Action:

Check the sweep speed and set to a more clinically appropriate sweep speed.

- Select the CO₂ waveform field and open the CO₂ context menu
- Select the required scale in the context menu and confirm

Sweep speed options: 3.13 mm/s, 6.25 mm/s, 12.5 mm/s, 25 mm/s

Incorrect Unit of Measurement Displayed



Situation:

mmHg is displayed instead of kPa or vice versa.

Possible Cause:

The unit of measurement has been altered or incorrectly configured.

Action:

Check the unit of measurement and set to a more suitable unit.

- Select the CO₂ waveform field and open the CO₂ context menu
- Select the required unit of measurement in the context menu and confirm

Unit options: mmHg or kPa

⚠ (2) !!! CO2 apnoea



Situation:

No CO₂ waveform in the presence of a CO₂ apnoea alarm

Possible Cause:

Complete airway obstruction, displayed airway adjunct or oesophageal intubation, cardiac arrest.

Action:

Initiate appropriate clinical intervention.

Situation:

No CO₂ waveform is displayed.

Possible Cause:

Capnography may not have been connected.

Action:

Check all capnography components are properly fitted together.