

Title:	CO2 Adjustment	ID:	
			0037
Date in:	Response:	Model:	Author:
2003-04-23	2003-04-23	-	CMa

Q:

We are testing the incubator with CO2 option.
When connecting a reference gas bottle (4.98 % CO2 in Nitrogen) the display on the front panel is 6.10%.
Is that normal?
Is there any adjustment on the measurement cell we can perform?

Also working at 37°C 96 %RH provides a lot of condensation on the walls of the chamber and around the glass door.
Is that something you already experience?

A:

We also calibrate the units with ref. gas (by weight N2+CO2). There are two adjustments:

- Offset
- Span (or Gain)

For the adjustment there are two potentiometers on the display pcb. The power is the offset the upper is gain. CW is increase and CCW is decrease. Use the offset for settings around 0% CO2 and use the gain for adjusting high values e.g. 5% CO%.

