

Title:	CO2 Adjustment II	ID:	
		0036	
Date in:	Response:	Model:	Author:
2003-08-08	2003-08-08	-	CMa

There are two potentiometers on the display. The lower is offset the upper gain.

- 1) Identify the two potentiometers
- 2) Make sure that there is no CO2 in the chamber and the unit is running at 37'C. The unit should be on for at least 1 hour. The CO2 setting should be at 0 "WR DM994 0".
- 3) Adjust the lower potentiometer (offset) to 0.04% reading.
- 4) Fill CO2 through the opening in the glass door (approx.5..10 sec.)
- 5) Measure the CO2 inside the chamber with a calibrated CO2 measurement tool. Ideally the CO2 level should be ~4..8%.
- 6) Adjust the upper potentiometer (gain) until the display reads approximately the same value as the external meter. Note there may be some cross-talk of the gain adjustment on the offset. We recommend that only 2/3 of the needed adjustment is made.
- 7) Open glass door for about 10 seconds to remove CO2 from chamber. Re-open glass door after ~1 minute several times. After ~30 seconds the reading on the display should fall.
- 8) Repeat form step 3.

