

<b>Title:</b>	<b>CO2 Adjustment II</b>			<b>ID:</b>
				0036
<b>Date in:</b>	<b>Response:</b>	<b>Model:</b>	<b>Author:</b>	
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 CO<sub>2</sub> in the chamber and the unit is running at 37'C. The unit should be on for at least 1 hour. The CO<sub>2</sub> setting should be at 0 "WR DM994 0".
- 3) Adjust the lower potentiometer (offset) to 0.04% reading.
- 4) Fill CO<sub>2</sub> through the opening in the glass door (approx.5..10 sec.)
- 5) Measure the CO<sub>2</sub> inside the chamber with a calibrated CO<sub>2</sub> measurement tool. Ideally the CO<sub>2</sub> 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 CO<sub>2</sub> 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.

