

## **418 Calibration Procedure (Quick guide):**

<b>1. Enter Cal gas bottle value into the analyser.</b>		
a)	Press Set button.	This changes to the first of the set screens.
b)	Press the soft key pointing to span on LCD display.	This selects the span set page.
c)	Highlight the value figure by pressing left or right arrow buttons.	
d)	Press Edit button.	This enables you to amend the displayed figure. Note: First digit will flash.
e)	Enter the Cal gas bottle value by typing in the correct figure on the front panel buttons.	
f)	Press Edit.	This saves this figure.
g)	Highlight units.	
h)	Press Edit.	
i)	Change the units from % to ppm by pressing the Up and Down buttons on the front panel.	
j)	Press Edit.	This saves the units set.
k)	Highlight range.	
l)	Select range required by pressing Up and Down buttons on front panel.	
m)	Press Edit	This saves the range set.
n)	Press Set button on front panel.	This enters your new figures into the software. You will return to the set page on the LCD display.
o)	Press Escape button.	This returns you to the front page on the LCD.
p)	Press Page Down button.	This takes you to the second page on the LCD.
q)	Select the range you wish to calibrate in by pressing the Up and Down buttons on the front screen.	
<b>2. Apply zero and span gas to the unit.</b>		
a)	Press soft key pointing to the Zero button	Now apply span gas through the sample inlet*.
b)	When the display is stable, press the soft key pointing to the Cal button.	This enables the analyser Cal function. The reading is interpreted as zero and display adjusted accordingly.
c)	Press the soft key pointing to span.	Now apply span gas through the sample inlet*.
d)	When the reading is stable, press the Cal key.	The unit will now interpret the reading as it did with zero.
e)	When calibration is finished, press the soft key pointing to sample.	Sample gas will now be applied to the unit.