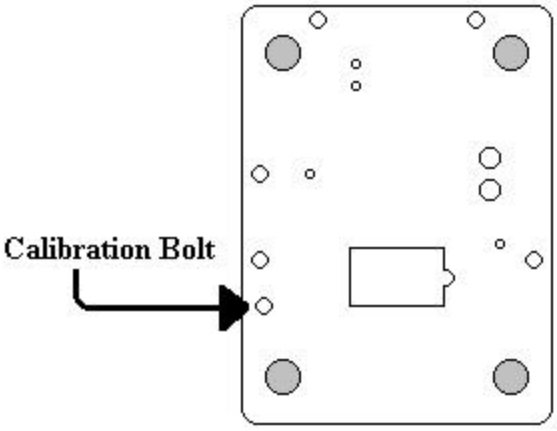
PC400 Setup and Calibration



PC400 Underside

Entering Calibration/Setup Mode:

1. Turn on the scale and wait for the scale to display a weight.
2. Turn the scale over and remove the calibration bolt to expose the calibration button. (See picture above.)
3. Press the calibration button with a small pen or screwdriver.

Calibration:

1. Verify that the bubble level is indicating level. The bubble level is located under the platter.
2. After pressing the calibration button, under the scale, the display will show “div XX” where XX is 2.5, 5.0 or 10.
3. Press the UNITS button twice. The display will show “CAL 0”.
4. With no weight on the scale, press the ZERO button.
5. The scale will count down from 7 to 0 and display “CAL FS”. NOTE: If the scale senses motion, it will reset the count down. If “7” remains on the display, the scale is sensing movement, i.e. vibration, air currents, etc.
6. Place full capacity on the scale and press the ZERO button.
7. The scale will count down from 7 to 0 and return to the weigh mode.
8. Reinstall the calibration bolt.

Parameter Setup:

- Enter the calibration mode as explained above.
- Use the ZERO button to change the setting of the current parameter and press the UNITS button to advance to the next parameter.
- The next page is a list of the PC400 parameter settings. The default settings are in **BOLD**.

Parameter	Setting	Description
div	**2.5**	2500 displayed divisions (default for 5lb and 10lb scales)
	5.0	5000 "
	10	10,000 " (default for 2lb scales)
CAP	2	2.2lb capacity
	5	5lb capacity
	10	10lb capacity
CAL	0	Calibrate the scale's ZERO point when the ZERO button is pressed.
	FS	Calibrate the scale's FULL SCALE point. (Only displayed after a zero calibration.)
rSt	y	Selecting "Y" and pressing UNITS will set all parameters to their default value.
	n	Parameters are not defaulted.
AO	60	Auto off after 60 minutes of non-use.
	30	" 30 "
	20	" 20 "
	10	" 10 "
	5	" 5 "
	4	" 4 "
	3	" 3 "
	2	" 2 "
	1	" 1 "
ZT	**0.5**	Auto zero tracking at ½ a displayed division.
	1.0	" 1 "
	3.0	" 3 "
nnA	**1**	Motion detected when displayed weight changes by 1 displayed division.
	3	" 3 "
	5	" 5 "
Suo	**on**	Scale zeroes on power-up.
	no	Scale loads calibration zero on power-up.
d.o.	**td**	Weight is transmitted from the scale when the scale receives a "W" command.
	C.P.	Weight is transmitted from the scale continuously.
	A.1	Weight is transmitted from the scale one time, each time the scale becomes stable.
	A.2	Same as A.1, however, the scale must return to zero before transmitting again.
For	**F0**	Basic printstring format.
	2P	F0 printstring plus metric weight printed.
	F1	Modified version of the F0 print format. (Non Legal-for-Trade)
	SP	Label printer format.
b.r.	12	Data transmitted at 1200 bits per second.
	24	" 2400 "
	48	" 4800 "
	96	" 9600 "
CSL	**CA**	All weight units are available (lb, oz, kg, g and lb-oz)
	L9	Available units are: lb, oz, kg, g
	Lh	" lb, kg
	Lo	" lb, oz
	9o	" g, oz
NOTE: lb-oz not available in legal-for-trade mode (OP 44)		
Units	**lb**	Scale powers up in pounds.
	oz	" ounces.
	kg	" kilograms.
	g	" grams.
	lb-oz	" pounds and ounces.
oP	**St**	Non legal-for-Trade mode.
	44	Legal-for-Trade mode (Handbook 44).
Raw Counts	######	Shows the raw numbers from the AD converter.

NOTE: The scale will return to the weigh mode after passing the last parameter.