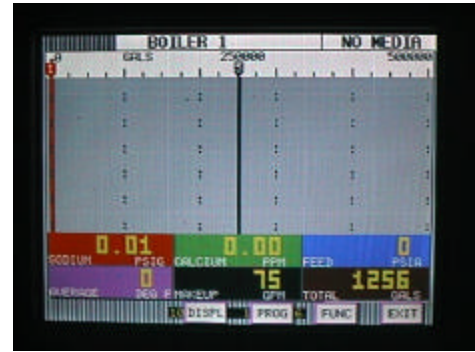1. Begin configuration by touching the **MENU** button in the lower right hand corner of the screen. This will bring up the main menu bar. Touch the **PROG** button to enter into the main program menu.


2. Once in the main program menu use the up/down arrow keys to select **Points**, then touch **ENTER**.


3. **Prog point** and **Constants** will appear. Using the up/down arrow keys select **Prog point** and touch **ENTER**.

4. The numbers **1 – 9** and letters **A, B** and **C** will be displayed. Touch the number that represents the input or channel you wish to configure. For this example use number **1** and touch **ENTER**.
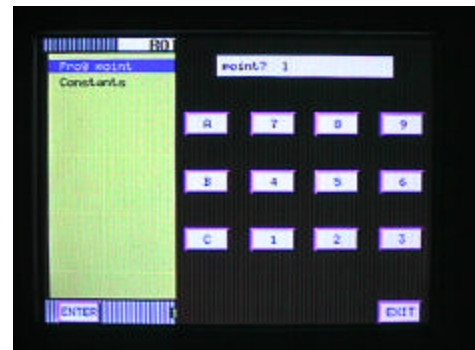
5. If you are configuring the Data-Chart for the first time a menu having **Setup**, **Copy** and **Restore** will appear. If you are changing a point that you have already configured the menu will have **Modify pt** and **Delete pt**. Depending on which menu appears, use the up/down arrow keys to select **Setup** or **Modify** then touch **ENTER**.
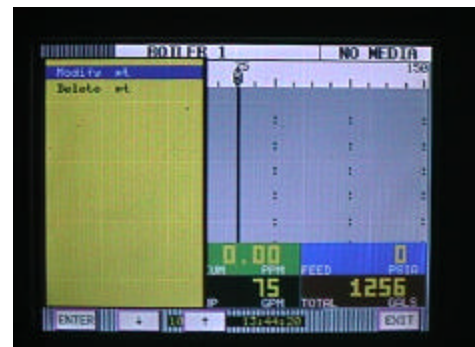
6. The menu containing types of inputs should now be displayed. Use the up/down arrow keys to select **Linear** then touch
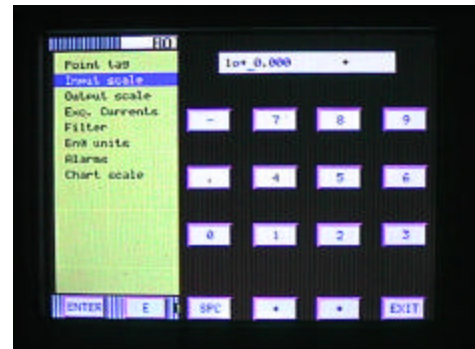**ENTER**.

7. The menu displaying types of linear inputs should now appear. For this example use the up/down arrow keys to select the **10V** (for 10 Volt) range then touch **ENTER**.


8. The menu starting with **Point tag** will appear. Using the up/down arrow keys select **Point tag** and touch **ENTER**. An alphanumeric keypad will be displayed. This is where you enter a word or phrase (up to 10 characters) that describes this particular point. For this example enter the word **INLET** and touch **ENTER**.
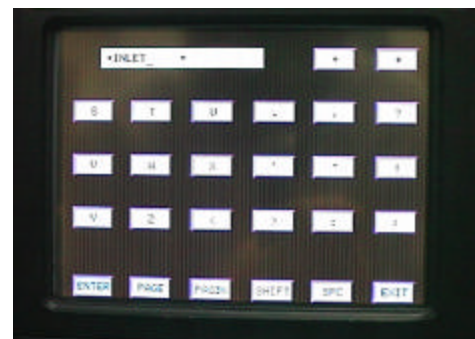
9. The menu starting with **Point tag** will appear again. Using the up/down arrow keys select **Input scale** and touch **ENTER**. A numeric keypad will appear with **lo** displayed. This is the point that you enter the low range of your input signal. For this example (1-5 Volts DC) enter **1.00** as the low range and touch **ENTER**.

10 The numeric keypad will now prompt you for the **hi** end of your input signal. For this example enter **5.00** and touch **ENTER**.
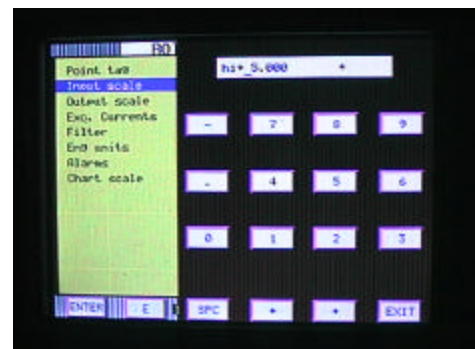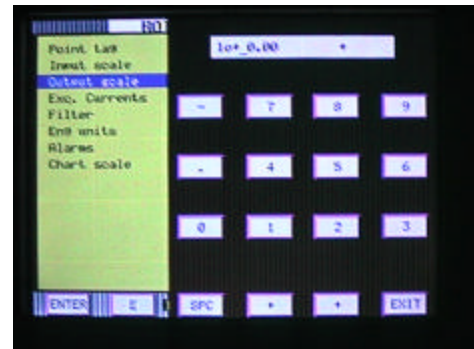
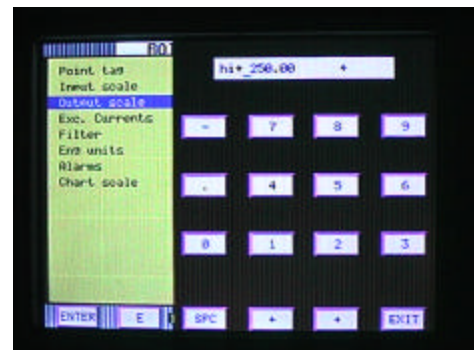11   Using the up/down arrow keys select **Output scale** and touch **ENTER**.

12   You will now be prompted for the number of decimal places that you would like to display and record. Using the up/down arrow keys you can select 0, 1, 2, 3, 4, or 5 decimal places. For this example select 2 and touch **EN-TER**.

13   Another numeric keypad will appear prompting you for the **lo** end of your output scale. For this example (0 – 250 psig) enter **0.00** and touch **ENTER**.


14   You will now be prompted for the **hi** end of your output scale. You should enter **250.00** and touch **ENTER**.
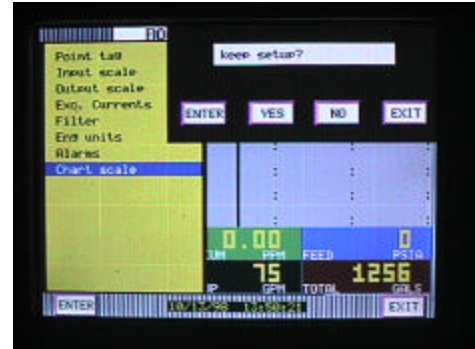

15   Using the up/down arrow keys select **Eng units** and touch **ENTER**. The alpha-numeric keypad will now be displayed allowing you to enter up to five characters to describe the engineering units for this particular point. For this example
(0 – 250psig) enter **PSIG** and touch **ENTER**. There are multiple pages of text and symbols that can be used. Use the **PAGE**, **PAGEBK** and **SHIFT** keys to access different

16 Using the up/down arrow keys select **Chart scale** and touch **ENTER**. A menu prompting you to choose a chart scale will appear (**chart scl =**). Using the up/down arrow keys you can select letters **A-H** for a total of 8 different scales. For this example select chart scale **A** and touch **ENTER**, then touch **EXIT**.
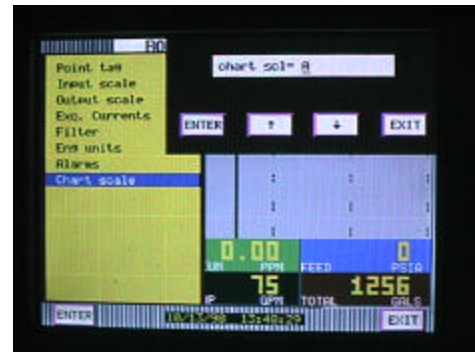
17 You will now be prompted with **keep setup?** Touch **YES and** you will be returned to the main program window.

18 Use the up/down arrow keys to select **Chart/Pens** and touch **ENTER**.

19 The Chart/Pens menu will be displayed. Using the up/ down arrow keys select **Scales** and touch **ENTER**.

20 You will be prompted with scale? (1A-2H will also be displayed) Use the up/down arrow keys to scroll through the different scales until 1A is displayed. Touch **ENTER**.
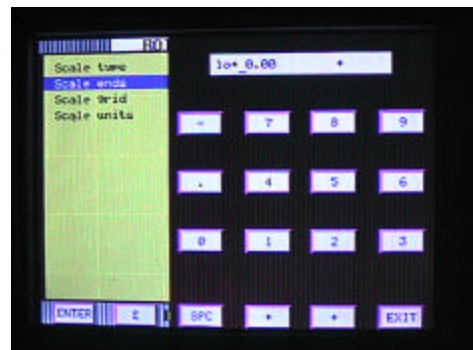
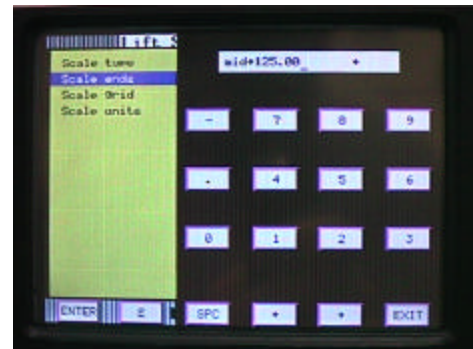| 21 | The scale setup menu will be displayed. Use the up/down arrow keys to select **Scale ends** and touch **ENTER**. | |

| 22 | You will now be prompted with **places ?** (0 – 5) will also be displayed. Use the up/down arrow keys to select 2 and touch **ENTER**. This selects the number of decimal places that will be displayed in trend view only. | |

| 23 | You will now be prompted with **loÞ** (some #)**.** Enter the low end of your scale. For this example (0 – 250psig) enter **0.00** and touch **ENTER**. | |

| 24 | You will now be prompted with **midÞ**(some #). Here you can enter the mid point of your scales range. For this example (0-250psig) enter **125.00** and touch **ENTER**. | |

| 25 | You will now be prompted with **hiÞ**(some #). Enter the high range of your scales range. For this example (0-250psig) enter **250.00** and touch **ENTER.** | |
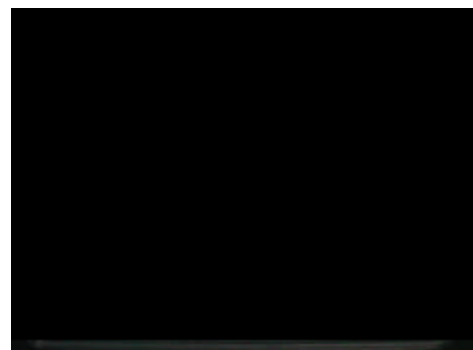
26   You will now be back at the scale setup menu. Use the
      up/down arrow keys to select **Scale units** and touch **EN-
      TER**. The alphanumeric keypad will be displayed. For this
      example enter PSIG and touch **ENTER**. This is what will
      be displayed in as engineering units in the trend mode
      only. Touch **EXIT** several times until you are completely
      out of all menus.
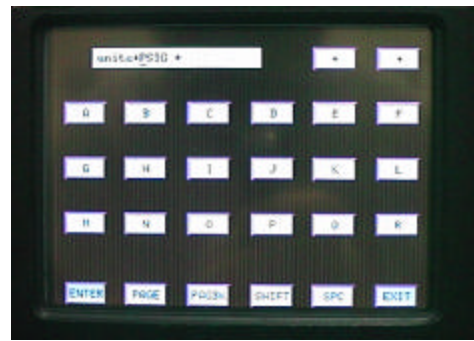
27   The 0 – 250 scale complete with INLET and PSIG should
      be displayed on the recorder. Use the VIEW button to se-
      lect particular display to verify your work.