

## ENTRY CODES

The following is an explanation of the various programmable operating modes of the Model 179DP Console. Each defined mode is identified by a two digit number or ENTRY CODE. The normal running mode (00) is unique in that it will be automatically entered from any undefined entry code.

To enter a mode proceed as follows:

- 1) Lift OPERATOR'S SWITCH and hold
- 2) Press numeric keys on function board for desired ENTRY CODE (single digit codes must be preceded by a zero (i.e. 01) The Mode number will appear in the price per gallon.
- 3) Release OPERATOR'S SWITCH.
  - A. If certain entry conditions are met, the selected mode will be entered upon release of the OPERATOR'S SWITCH

Entry modes involve four (4) levels of security with Mode 00 being unconditionally accessible.

Modes within the range 01-16 may be programmed (see ENTRY CODE 80) to be accessible without the Manager's Key.

Modes within the range 80-89 always require the use of the Manager's Key.

Modes within the range 90-99 always require the use of the Manager's Key and an internal "Bugger Switch."

### ENTRY CODE 01---CHANGE SHIFT

1. Enter mode 01. All 1's will appear in the displays except for the HOSE GROUP-GRADE display. The hose group-grade display should remain blank unless one of the following battery errors occurs.

NOTE: If one or more of the batteries are low, the HOSE GROUP-GRADE display will indicate a 1, 2, or 3 plus L.

- 1=Computer/Power Center #1 Battery
  - 2=Computer/Power Center #2 Battery
  - 3=Console Battery
2. Push the APPROVE button three (3) times.
  3. Push FUNCTION key E.

- A) All 0's will appear in the displays except HOSE GROUP-GRADE. (Current shift totals will be transferred to code 03. The current Shift Totals will be zeroed (0) out.
  - B) If an error is made in the above sequence, alternate 8's separated by blanks will be displayed. To correct, depress FUNCTION key C and follow steps 1, 2, and 3.
4. Return Operator Mode by pushing Operator's Switch down and releasing.  
NOTE: Upon successful execution of a Shift change, all shift totals will have been shifted up one level with CURRENT SHIFT TOTALS zeroed out.

ENTRY CODE 02—CURRENT SHIFT TOTALS

ENTRY CODE 03---FIRST PREVIOUS SHIFT TOTAL DISPLAY

ENTRY CODE 04---SECOND PREVIOUS SHIFT TOALS DISPLAY

ENTRY CODE 05---THIRD PREVIOUS SHIFT TOTALS DISPLAY

ENTRY CODE 06---RUNNING TOTALS DISPLAY

ENTRY CODE 07---SHIFT CHANGE RUNNING TOTALS DISPLAY

In each of the above six (6) modes, six (6) different formats are selectable through the use of the FUNCTION keys.

A. INDIVIDUAL HOSE TOTALS

Totals may be obtained by pressing the HOSE GROUP button, press the HOSE GROUP button again for grade numbers 2 and 3 with each total being displayed for each GRADE.

B. PRODUCT TOTALS

- 1) May be obtained by pressing FUNCTION Key 1 for product 1
- 2) FUNCTION Key 2 for product 2
- 3) FUNCTION Key 3 for product 3
- 4) FUNCTION Key 4 for product 4
- 5) FUNCTION Key 5 for product 5
- 6) Total Money, Total Volume will be displayed.

C. TOTAL CASH SALES

- 1) Press CASH button
- 2) Total Cash appears on MONEY display

D. TOTAL CREDIT SALES

- 1) Press CREDIT button
- 2) Total Credit appears on MONEY display

E. TOTAL ATTENDED Dispenser Sales

- 1) Press FUNCTION Key A
- 2) Total Money sales made through attended dispensers will be displayed in money display.

F. GRAND TOTALS – All Products

- 1) Press FUNCTION Key G
- 2) Total Money and Total Volume will be displayed. This is the combined total of all hoses and products.

NOTE: These totals may be printed by pressing the PRINT key.

ENTRY CODE 08 -- SETTING PRICES AND/OR EXCHANGE PRICE TIERS

Entry into the Mode will display the following:

1. Current PRICE PER GALLON in PRICE PER GALLON window.
2. Selected HOSE-GROUP number and GRADE number is HOSE-GROUP/GRADE window
3. Zeros will appear in the VOLUME window.
4. Tier number will appear in MONEY display.

To enter prices per volume proceed as follows:

1. Press HOSE GROUP button
2. Press FUNCTION Key 1, 2, and 3 for GRADE NUMBER
3. Press INV Key
4. Press NUMERIC Keys on Function Board for price desired-price will appear in the volume display.
5. Press “E” key to enter the price. Press each HOSE GROUP set at this grade followed by the “E” key
6. If an error is made in entering price, press INV, volume display will zero. Then repeat steps 4 and 5.

ENTRY CODE 09 SET MAXIMUM DELIVERY

This mode is for establishing the maximum volume permitted per hose outlet.

NOTE: A volume value must be entered for the system to function.

1. Enter a maximum delivery amount with FUNCTION keys 0 through 9. The amount will appear in VOLUME display. Be sure to set volume 2 places past the decimal point (i.e. 100.00)
2. Press FUNCTION Key E to transfer the number in the VOLUME display to the MONEY display

### ENTRY CODE 10 INVENTORY

There are (30) memory locations in mode 10. Locations 01-05 are permanently assigned to petroleum products. The volume in inventory is automatically reduced with each petroleum sale.

Locations 6-30 can be assigned to whatever the customer desires.

Enter a 2 digit number (01-30) to inspect that location. Its contents will be visible in the money display.

If you wish to add product to the existing amount follow these steps.

1. Press the INV key to zero out the volume display.
2. Press function keys 0-9 to enter the amount you wish to add.
3. Press the E key to transfer the amount from the volume display to the money display.
4. Press the A key to add the quantity in the volume display to the money display.
5. Press the C key to return to inspection mode without changing the inventory amount.

### ENTRY CODE 11 Specify Attended Hose Groups

This mode allows hose groups to be designated as “Attended” service or used as self-service.

Entry into this mode will display the HOSE GROUP and GRADE number in the HOSE GROUP-GRADE display. To assign a HOSE GROUP for “Attended” service-

1. Select HOSE GROUP
2. Press FUNCTION key A-a letter A will appear between the HOSE GROUP and GRADE display
3. To return to self-service press FUNCTION key C to remove the A from the HOSE GROUP GRADE display

### ENTRY CODE 12 SALES STACKING

This mode permits the stacking of one sale, and allows the hose group to be approved for a second sale.

Entering this mode the money display will show a number 1 or 2.

When the number 1 is displayed the hose group cannot be re-approved. The current sale must be collected out first.

When the number 2 is displayed a line will appear in the status module display indicating the initiation of an approval or preset will move the uncollected sale data to a temporary storage location to be recalled when the sale is to be collected.

Pressing the APPROVE button will alternate the display between numeral 1 and 2.

#### ENTRY CODE 13—Specify Preset Mode

There are three (3) possible conditions for this mode

1. The displays will all be blank (no presets allowed)
2. All 1's in the money display allows dollar value presets
3. All 1's in the volume display allows presets in volume amounts (i.e. Gallons or Liters)
4. Rotate between these modes by pressing the approval key until the desired preset is shown.

#### ENTRY CODE 14 Set Time and Date

Entering into this mode the time and date will appear in the MONEY and VOLUME displays respectively.

Money	HR MIN*
Volume	MO-DA_YR

\* is either A, P or blank for AM, PM or 24 hour format. Blank indicates 24:00 hr military time type of read out.

To set time and date proceed as follows:

1. Press INV key which causes all data but the hours to be blanked out.

2. Press FUNCTION keys 0 thru 9 to set the hour. Press INV to enter the hour and advance to the minute display.
3. Press FUNCTION keys 0 thru 9 to set the minutes. Press INV to enter the minutes into memory and display and advance to the AM/PM/24 display.
4. Press any numeric function key as many times as necessary until the desired display appears. Press INV to enter the AM-PM or blank and advance to the month display.
5. Press FUNCTION keys 0 thru 9 to set the month. Press INV to enter the month and advance to the date display.
6. Press FUNCTION keys 0 thru 9 to set the date then press the INV key to advance to the year display
7. Press FUNCTION keys 0 thru 9 to set the year into memory and then press the INV key.

### ENTRY CODE 91 ADJUSTING RUNNING TOTALS.

NOTE. All codes 90 and higher require use of the “bugger” switch located on the UART board inside the console. Enter the 2 digit code and release the operators switch. Press the red “bugger” switch to enter the mode.

To Zero out hose totals.

- A. To zero out hose totals press the hose group button on the status module. Press the INV key then press the 0 key on the function board 16 times. The zeros will appear in the money and volume windows. Press the E key.
- B. Repeat these steps for each hose group.

To Zero out sale totals.

- A. Press the cash key.
- B. Press the INV key.
- C. Enter 8 zeros and then the E key.

To adjust the running totals.

- A. Follow the instructions for zeroing out hose totals, but instead of entering zeros enter your starting totals.
- B. Enter mode 6 and check for zeros.
- C. Execute 4 shift changes by using mode 01.
- D. Enter modes 02-07 and verify all read out in zeros.

## ENTRY CODE 92 TESTING STATUS MODULES.

- A. Raise the operators switch and enter mode 92, then press the “bugger” switch.
- B. Press hose group button #1.
- C. Pressing the function board #1 will cause the APPR to appear in the status module display. Press function board key #1 again and the APPR will start flashing and beeping. Press #1 again and the display will blank and the beeping will stop.
- D. Press function board #2 and the ON will appear on the status module display. Pressing the #2 again will cause the display to flash and beep. Press the #2 again the display will blank and stop beeping.
- E. Press function board #3 and the COL will appear on the status module display. Pressing the #3 again will cause the display to flash and beep. Press the #3 again and the display will blank and stop beeping.
- F. Press function board #4 and the top COL will appear on the status module display. Pressing the #4 again will cause the display to flash and beep. Press the #4 again and the display will blank and stop beeping.
- G. Repeat these steps for each hose group number to verify that all of the status module displays are working.
- H. Make sure that all status module displays are blank before exiting this mode.

\* Mode 92 is often needed to determine the maximum number of hoses allowed. This mode has to be entered into by using the red bugger switch located on the UART board. After entering this mode a number will appear in the dollar display. This number indicates the maximum number of hoses currently available. Manipulate this number by pressing the remainder key. The number will cycle between 1 and 16. Set the number based on the number of hoses the console has. This mode is not contained in all software versions. It is eliminated in newer versions of software.