

Quick Reference Guide

SYSTEM OKAY	TANK OKAY	SENSOR OKAY	LINE OKAY
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M1 LEFT	M2 RIGHT	M3	M4 ←
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A N PRODUCT 1	B O GROSS 2	C P LEVEL 3	CANCEL
D Q TANK 4	E R ULLAGE 5	F S WATER 6	G T UP +/-
H U MENU 7	I V ALARM 8	J W REPORT 9	K X DOWN SPACE
ACK SHIFT	L Y TEST 0	M Z CHECK .	ENTER

TO DISPLAY **GROSS** VOLUME



Press **B O**
GROSS
2

the **GROSS** key. Up to 4 tanks are displayed

...press **DOWN** for other tanks

K X
DOWN
SPACE

also see **PRODUCT** and **TANK**

TO DISPLAY **PRODUCT LEVEL**



Press **C P**
LEVEL
3

the **LEVEL** key. Up to 4 tanks are displayed

...press **DOWN** for other tanks

K X
DOWN
SPACE

also see **PRODUCT** and **TANK**

TO DISPLAY **ULLAGE**



Press **E R**
ULLAGE
5

the **ULLAGE** key (*ullage is the volume that could be added to a tank without overflowing it*)

Up to 4 tanks are displayed

...press **DOWN** for other tanks

also see **PRODUCT** and **TANK**

K X
DOWN
SPACE

TO DISPLAY **WATER LEVEL**



Press **F S**
WATER
6

the **WATER** key. Up to 4 tanks are displayed

...press **DOWN** for other tanks

also see **PRODUCT** and **TANK**

K X
DOWN
SPACE

TO DISPLAY

- **GROSS**
- **NET**
- **WATER VOLUME**
- **ULLAGE**

BY **PRODUCT** (**MANIFOLD & TANK**)



Press **A N**
PRODUCT
1

the **PRODUCT** key. Choose the product by pressing a menu select key (**M1 — M4**) ...*manifold tank data is displayed first*

...press **DOWN** for individual tanks

See **TANK** also

K X
DOWN
SPACE

TO DISPLAY

- **GROSS**
 - **NET**
 - **WATER VOLUME**
 - **ULLAGE**
-
- **LEVEL**
 - **TEMPERATURE**
 - **WATER LEVEL**
 - **PERCENT FULL**

BY **TANK**



Press **D Q**
TANK
4

the **TANK** key. Choose a tank by pressing a menu select key (**M1 — M4**)

...press **DOWN** for more data (Level, Temperature, Water Level, and % Capacity). Also see **PRODUCT** key

K X
DOWN
SPACE

TO DISPLAY **MANIFOLD TANK DATA**

Press the **PRODUCT** key. Choose the product by pressing a menu select key (**M1 — M4**). Press **DOWN** to see individual tank data.

TO DISPLAY **TIME & DATE**



Press **M Z**
CHECK
.

the **CHECK** key. Also press the **CHECK** key, **M4** key and **DOWN** key to check the: Tank Sentinel Part No., Software Version Number, and Hardware status.

Special Keys

Alarm (Annunciator) Test

tests the Alarm Horn

ALARM TEST

Cancel

use to exit / back-out of a menu or to cancel **before** the enter key is pressed

CANCEL

Enter

use to enter an input or password

ENTER

ACK Shift

use to **Silence the Alarm Horn** (see other side) and to **shift the input character type** before a key is pressed at the keypad (to input a value, password code, or text string).

ACK SHIFT

See the Operator's Guide about using the **ACK SHIFT** key.



Special Keys (Continued from other side)

Menu Select Keys (M1 — M4)

are under the display. Press to make a choice or to enter menus (example uses: to print reports, view alarm lists, or to show leak test status).

When inputting data, such as a password, the **M1** key can be used to move the cursor left, **M2** to move the cursor right, and **M4** to ← back-space over (delete) a character.

Alarm Annunciator & Alarm Status Row



Green light – on when power is on

Yellow light – on with System WARNING alarms
...flashes when alarms are new / not acknowledged

Red light – on with Tank, Sensor, & Line ALARMS
...flashes when alarms are new / not acknowledged

NOTE # 1 Warning or Alarm lights turn off when cleared alarms are acknowledged and removed from the alarm list (**unless an alarm is still active**).

NOTE # 2 The Report Printer is activated / prints on alarm. Alarms may be programmed to sound the solid-tone or beeping Annunciator Alarm Horn. **But, regardless of how the programming was done, the alarm status row lights will always flash when a new warning or alarm exists. Pay close attention to the Alarm Status lights!**



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TO SILENCE THE ALARM HORN

Press



the **ACK SHIFT** key ...if the console requires a password, the display will read: **ENTER PASSWORD:** (input the code and press **ENTER**).

TO VIEW AN ALARM LIST

Press a menu select key –



OR



OR



OR



– under WARNING or ALARM messages (see example display at right). Use the **UP / DOWN** keys to show alarms in the alarm list **until all alarms have been viewed** (Active, Cleared or Transient alarms can be in the alarm list).

TO REMOVE CLEARED ALARMS FROM THE ALARM LIST

View an Alarm List (see above) and press the **ACK SHIFT** key to remove Cleared alarms. The display will show OKAY and the Alarm status row lights go out if no alarms exist (see Note 1). *A service call may be required to clear an Active Alarm.*

Call Number(s):

TO START A LEAK TEST except TS-504/508

Press



TEST then **M2** and a menu select key (**M1 — M4**) under the type of test you want to start (0.1 gph or 0.2 gph **tank or line** test).

Select a tank or line number by using (**M1 — M4**) keys... use **DOWN** key to see other tank or line numbers that you may choose from.

TO CANCEL / ABORT A LEAK TEST

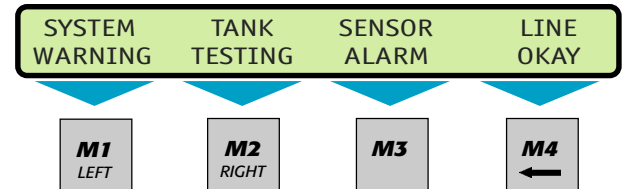
Press **TEST** then **M3** and a menu select key (**M1 — M4**) under the type of test you want to abort.

TO SHOW LEAK TEST STATUS

Press **TEST** then **M1** ...use the **DOWN** key to view the status of other tank or line leak tests.

– See other side and the Operator's Guide –

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ACK SHIFT	L Y TEST 0	M Z CHECK .	ENTER

TO ENTER THE SETUP MODE

Press



MENU then the **M1** key. If the console requires a password (highly recommended), the display will read:

ENTER PASSWORD: (input the code and press **ENTER**)

See the Operator's Guide about Language and Upgrade menu choices (Data Log is for diagnostic use only).

TO PRINT or FAX A REPORT

Press



REPORT and then the **DOWN** key to view report types. Press **M1 — M4** to make a choice.

Press **M1** to send the report to the printer, or press **M2** to send the report to a remote FAX machine. *The FAX / Modem hardware is an optional extra cost item.*

Key Strokes to Print a (tank) Leak Estimate Report:

REPORT M4 M1 M1 - M4 / DOWN

1 2 3 4 / 5