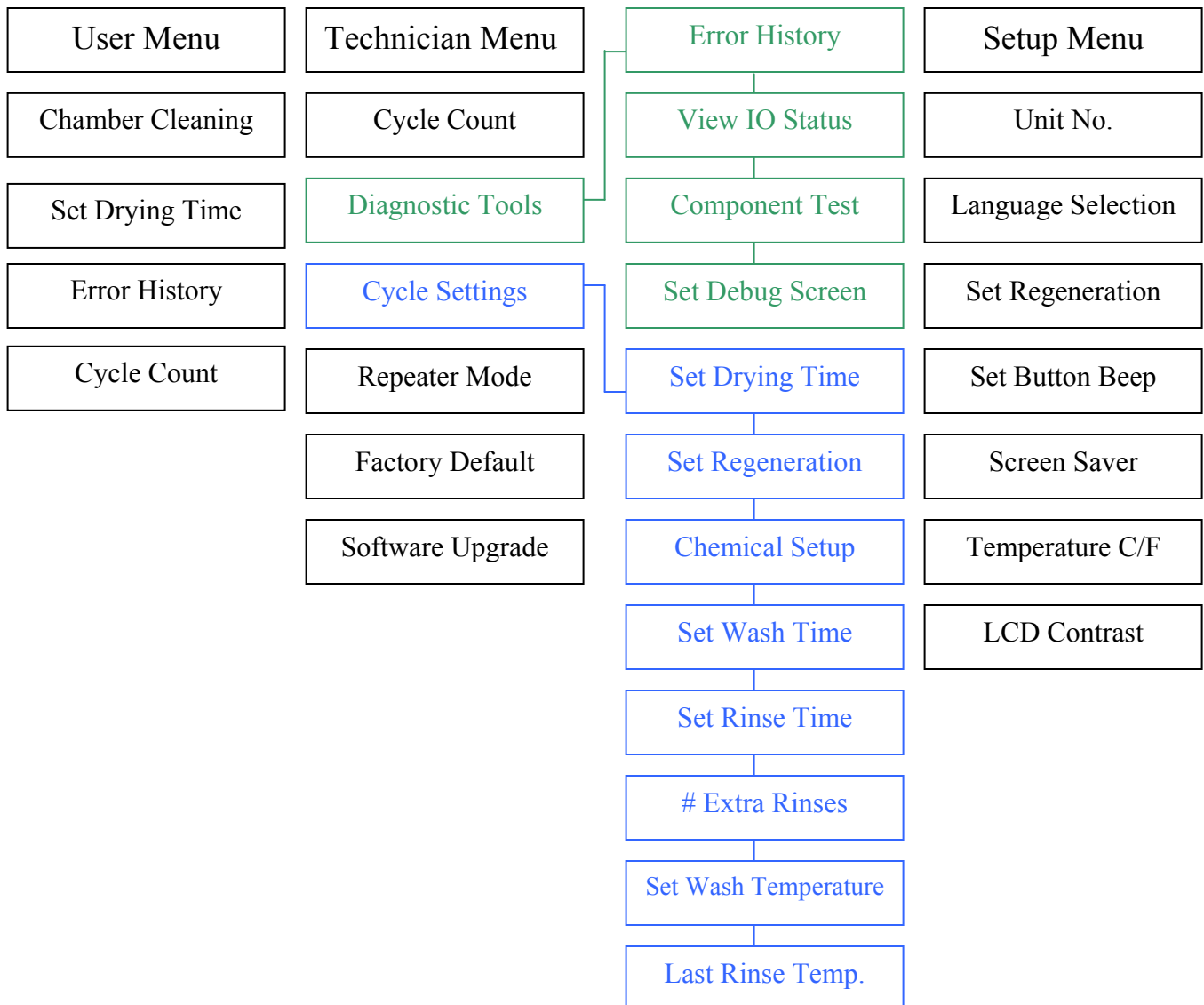
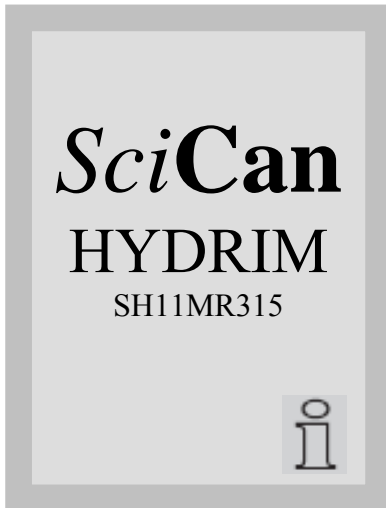


# Hydrim L110w with Glass Door Operator Instructions & All Menus



## Operating Instructions



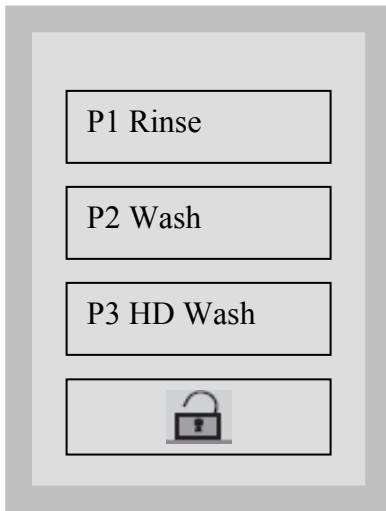
### Power up screen

When Power Switch is turned ON this screen appears.

Pressing the “i” will allow you to enter the User, Technician or Setup menus.

The “i” symbol disappears after 10 seconds.

Touch the screen anywhere except the “i” to change to Main menu screen.



### Main menu screen

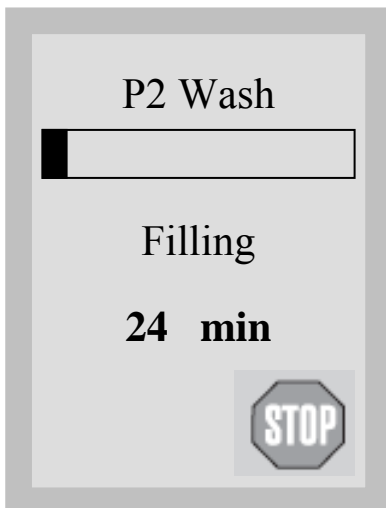
Menu Screen cycle selection.

Use P1 Rinse to prevent soil from drying on instruments when they will not be washed within 1 hour.

Use P2 Wash for loose instruments

Use P3 HD Wash for cassettes, hinged instruments or heavily soiled instruments.

Press lock to open door.



### Cycle screen

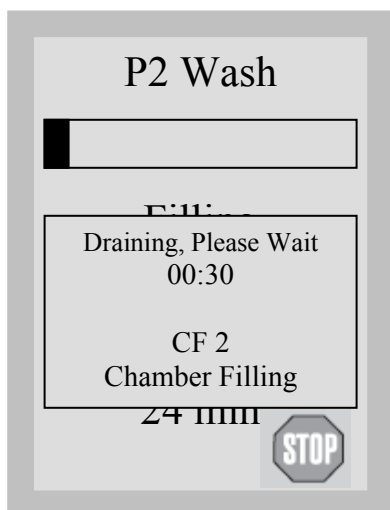
Cycle name appears at top of screen.

Progress bar shows progress of the cycle as percentage of remaining time vs. remaining time at the beginning of the cycle.

The stage within the cycle is shown beneath the bar (ex. Draining, Filling, Rinsing).

The estimated time remaining (in minutes) is always displayed. Please note that the time will increase or decrease depending on the projected cycle completion.

Press stop to abort cycle.



### **Cycle aborted screen**

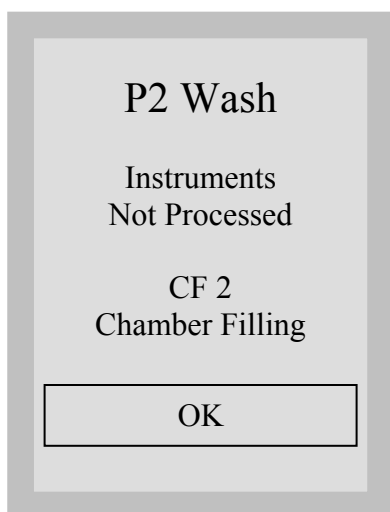
Touch screen is not active.

Unit drains for 30 seconds.

Error Code appears on display

Stop button will be shaded at this time.

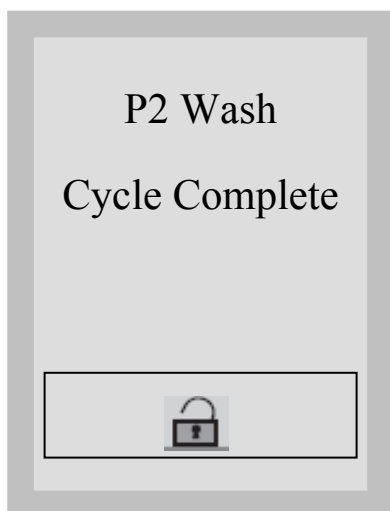
After draining timeout is complete, screen switches to cycle aborted acknowledge screen.



### **Cycle aborted acknowledge screen**

If cycle aborted due to cycle fault or door opening display will indicate problem.

Press the OK button to return to the main menu screen.

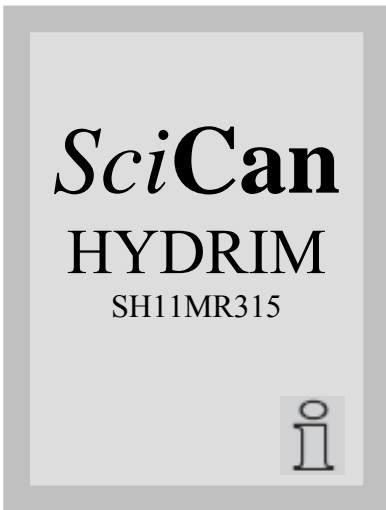


### **Cycle complete screen**

When the cycle is complete. The program name and “Cycle Complete” is displayed.

Press the Lock button to open the door and return to the main menu screen.

## User Menu

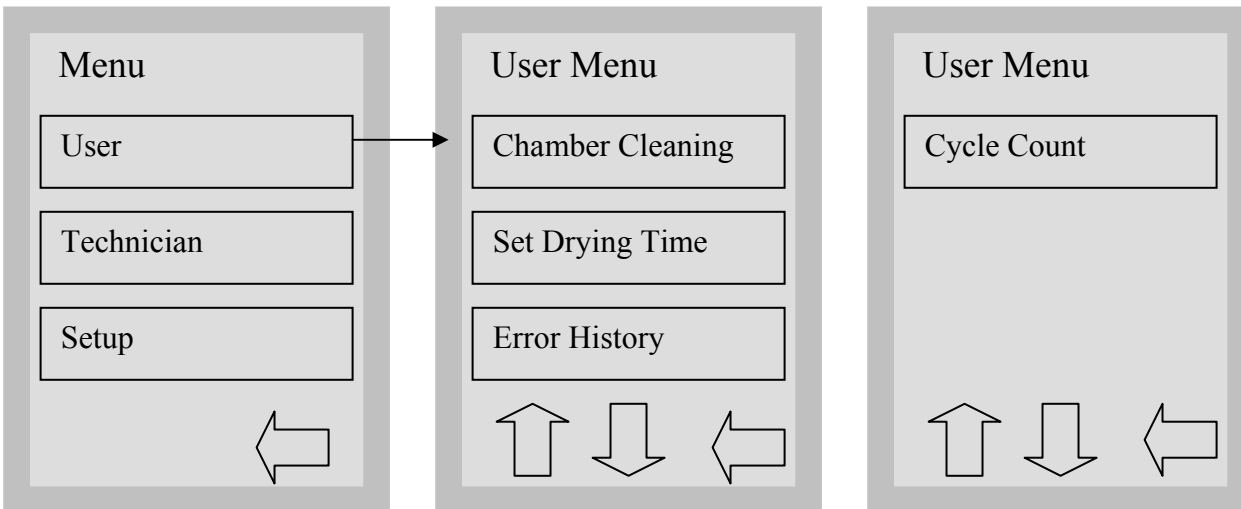


### Power up screen

To access the user menu, follow these steps:

Turn the Hydrim OFF and then ON. An “i” (information) will appear for about 10 seconds at the bottom right hand corner.

Touch the “i” to move to the Menu screen.



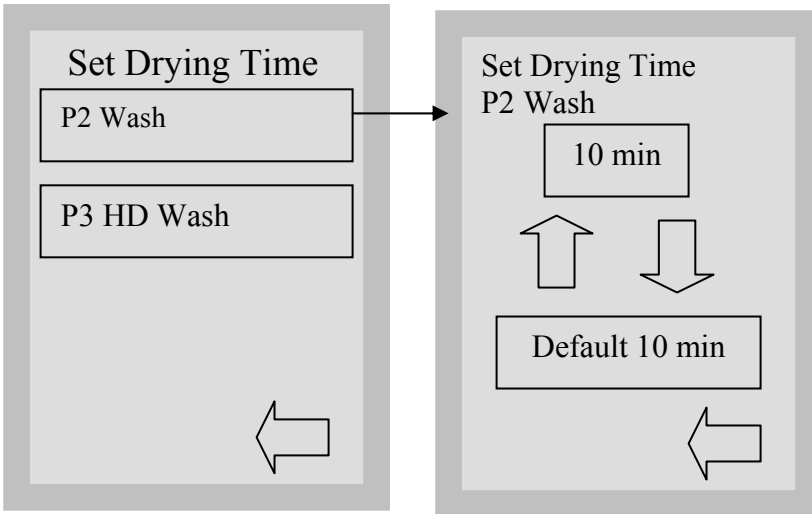
### Select User

The User Menu consists of four choices.



### Chamber Cleaning

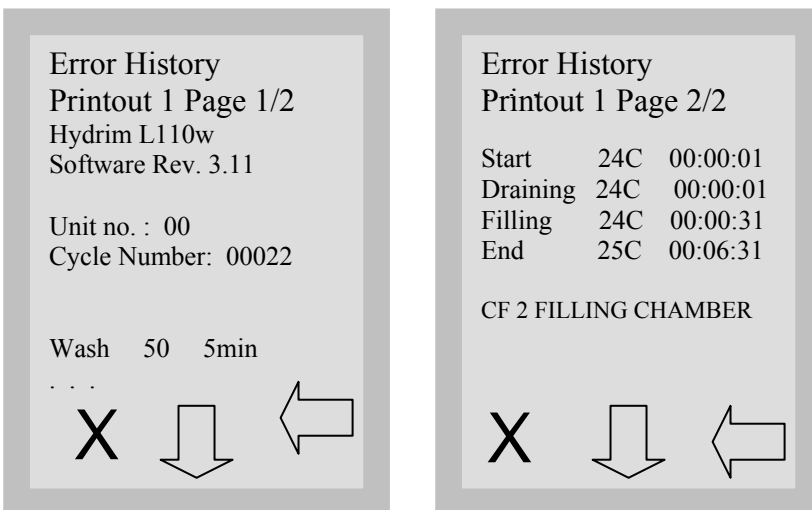
Use Chamber Cleaning cycle as needed to remove mineral deposits from the chamber caused by hard water.



## Set Drying Time

The drying time for P2 and P3 can be set independently.

Touch the cycle for which you want to set the drying time. Use the up and down arrows to select the desired drying time. Choose from 1 to 20 min. Touch **default** if you wish to return to the factory default. Use the back arrow to return to the previous screen.



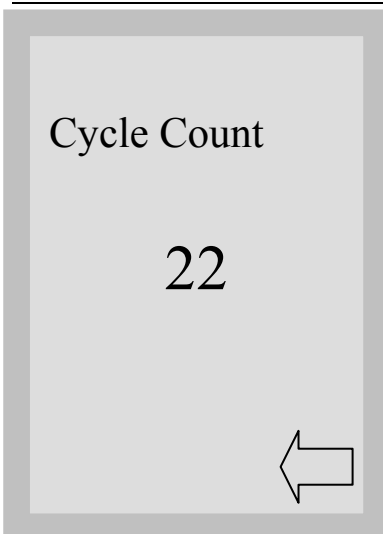
## Error history

This screen allows the user to see the last four errors.

Press the down arrow to move to the next page/error.

Press the X in the lower left hand corner to clear the error history. There must be 4 errors stored to clear the error history and the last error will remain.

Press the back arrow to return to the previous menu.

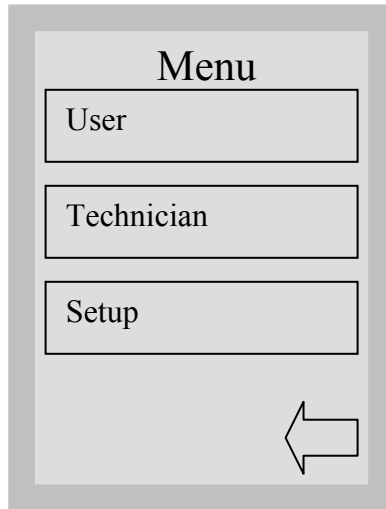
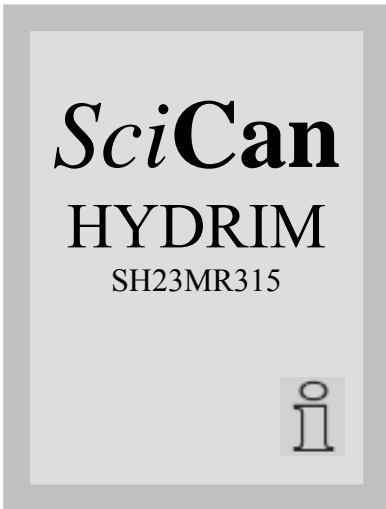


## Cycle Count

This allows the user to see how many cycles have been run on the Hydrim. Touch cycle count and the number of cycles (completed and aborted) will be displayed. This cannot be reset.

Touch the back arrow to return to the previous menu.

## Setup Menu

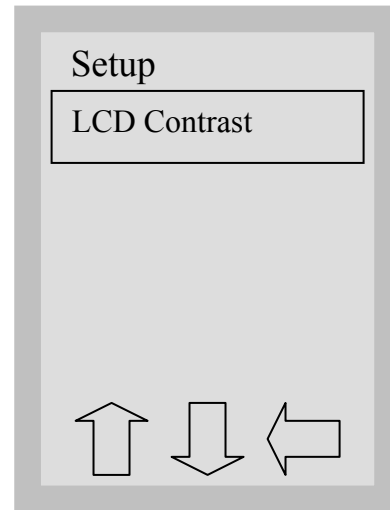
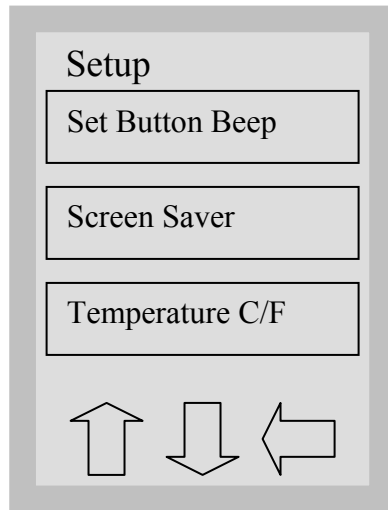
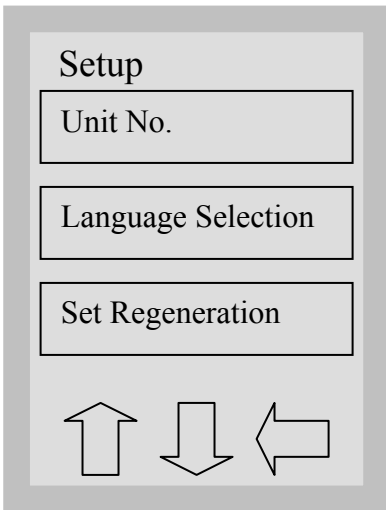


### Power up and Select Setup screen

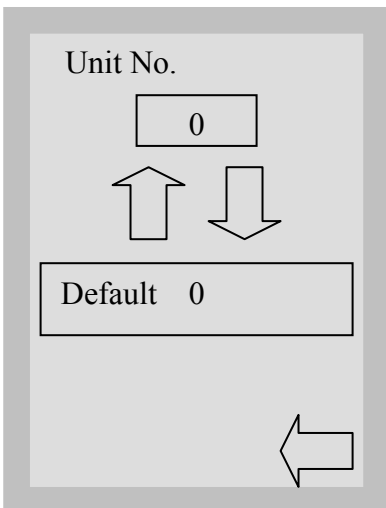
To access the Setup Menu, follow these steps

Turn the Hydrim OFF and then ON. An “i” (information) will appear for about 10 seconds at the bottom right hand corner.

Touch the i to move to the Menu screen and select Setup.

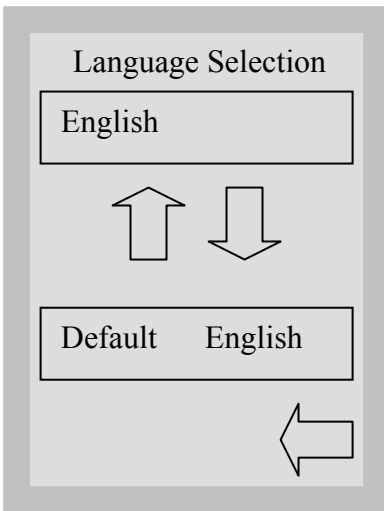


The Setup Menu consists of seven choices as shown above. Using the up and down arrows to move through the choices, touch the desired option to select it. For more detail on each Setup Menu option, refer to the following sections.



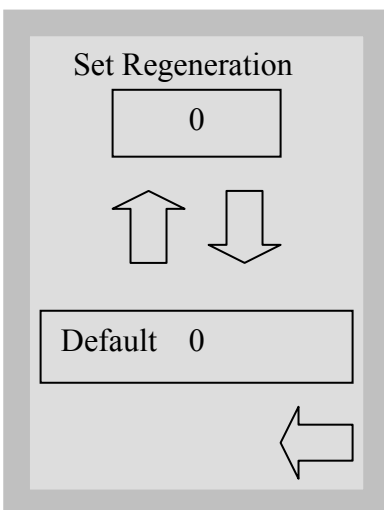
### Unit Number

If you have more than one Hydrim in your office, you can designate them Unit #1, Unit #2, etc. Use the up and down arrows to select the unit number. The default is 0. Touch the back arrow to return to the previous menu.



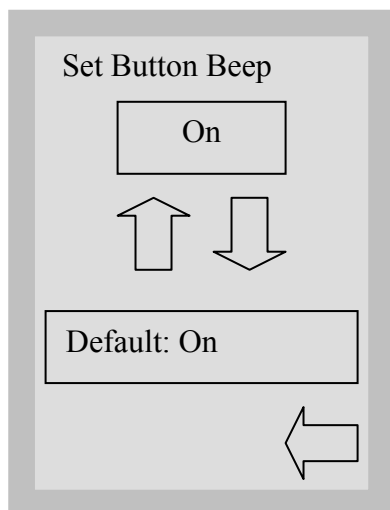
### Language Selection

This allows the user to select among available languages for the Hydrim. Use the up and down arrows to select the desired language. The default language is English. Touch the back arrow to return to the previous menu.



### Set Regeneration

Set the salt regeneration according to the local water hardness. Use the up and down arrows to change the value. The default setting is 0. See installation instructions for further information. Touch the back arrow to return to the previous menu.

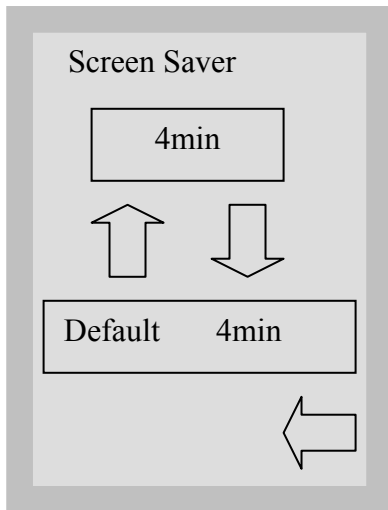


### Set Button Beep

The user can select between having the unit beep or not beep whenever a screen button is touched. Turn the beep ON or OFF by using the up and down arrows. The default setting is ON. Touch the back arrow to return to the previous menu.

## Screen Saver

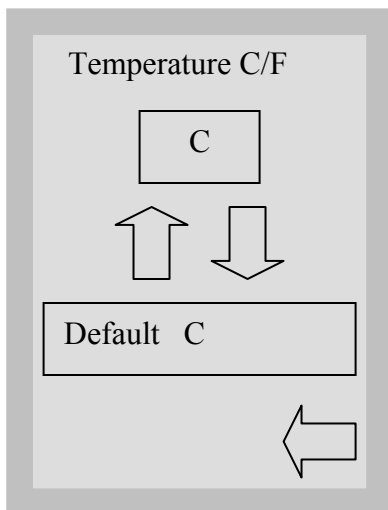
The user can adjust the time that elapses before the screen goes into screen saver mode. Touch the up and down arrows to select the desired screen saver setting. The default is 4 minutes. Touch the back arrow to return to the previous menu.



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## Temperature C/F

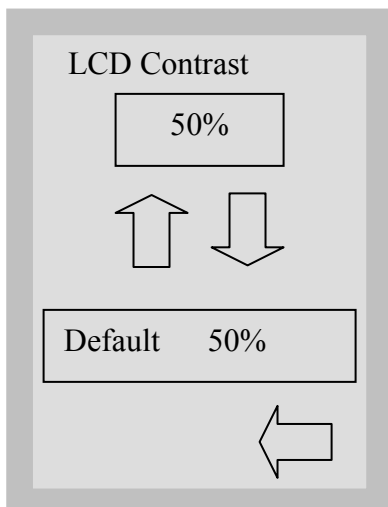
The user can choose to have information displayed in degrees Celsius or degrees Fahrenheit. Touch the up and down arrows to select the desired choice. The default is degrees Celsius. Touch the back arrow to return to the previous menu.



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## LCD Contrast

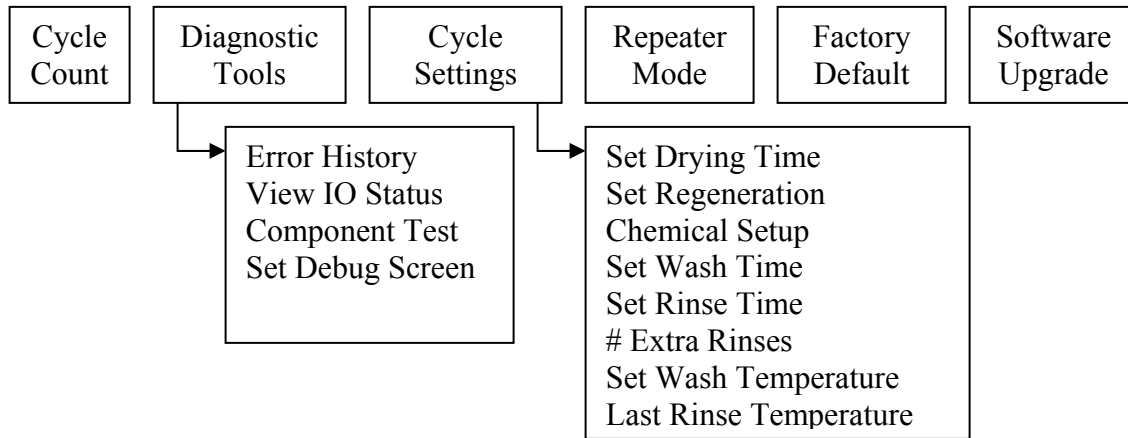
The user can change the contrast on the display. Touch the up and down arrows to select more or less contrast on the display. The default is 50%. Touch the back arrow to return to the previous menu.





# Technical Service Menu

## Service Menu Overview



To access this menu, turn the unit OFF and ON. There is an “i” in the lower right hand corner of the screen for about 10 seconds. Touch the “i” to get to the menu screen. Touch Technician.

Key in the password 7919 and press EN.

Within the main Technician menu there are six options.

**Cycle Count:** Displays the number of cycles that have been run (complete and incomplete).

**Diagnostic Tools:** Offers a submenu of four tools.

Error History: Allows access to the last three errors.

View IO Status: Shows the status of each component in the unit.

Chamber Full Switch – ON/OFF

Salt Switch – OK

Rinse aid – ON/OFF (not used with HIP Solution))

Chemical Sensor – ON/OFF

Chamber Overflow – ON/OFF

Chamber Pressure – ON/OFF

Door SW – ON/OFF

Chamber Temperature Celsius

CTS (Clear to Send) – ON/OFF

Component Test: Allows individual testing of the following components.

Circulation Pump M1 - ON/OFF

All Devices - ON/OFF

Latch L1 (Door) – ON/OFF

Salt Valve – ON/OFF

Dosing Pump M4 – ON/OFF

Dryer Motor + Heater – ON/OFF

Hot Water Valve – ON/OFF

Cold Water Valve – ON/OFF

Rinse Aid Valve – ON/OFF

Waste Pump M2 – ON/OFF

Set debug screen: Shows IO status when cycle is running.

**Cycle Settings:** Offers a submenu of eight settings.

Set Drying Time:

P2 Wash

10 min ↑↓ (choose from 1 to 20 min)

P3 Heavy Duty Wash

10 min ↑↓ (choose from 1 to 20 min)

Set Regeneration: Sets water softener setting.

0 ↑↓ (choose from 0 to 7)

Chemical Setup:

Prewash

3 sec. ↑↓ (choose from 0 to 15 sec.)

Wash

9 sec. (choose from 0 to 30 sec.)

High Temp. Wash

10 sec. (choose from 0 to 30 sec.)

Rinse

6 sec (choose from 0 to 15 sec.)

Set Wash Time:

P2 Wash

5 min ↑↓ (choose from 5 to 15 min)

P3 Heavy Duty Wash

9 min ↑↓ (choose from 5 to 15 min)

Set Rinse Time:

P2 Wash

1 min ↑↓ (choose from 1 to 10 min)

P3 Heavy Duty Wash

1 min ↑↓ (choose from 1 to 10 min)

# Extra Rinses

P2 Wash

0 ↑↓ (choose from 0 to 4 min)

P3 Heavy Duty Wash

0 ↑↓ (choose from 0 to 4 min)

Set Wash Temperature

P2 Wash

50°C ↑↓ (choose from 45 to 80°C)

P3 Heavy Duty Wash

50°C ↑↓ (choose from 45 to 80°C)

Last Rinse Temperature

P2 Wash

60°C ↑↓ (choose from 30 to 93°C)

P3 Heavy Duty Wash

60°C ↑↓ (choose from 30 to 93°C)

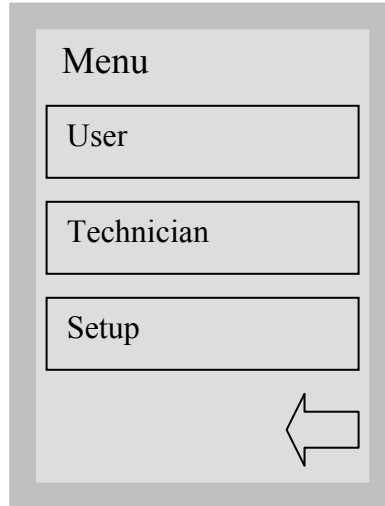
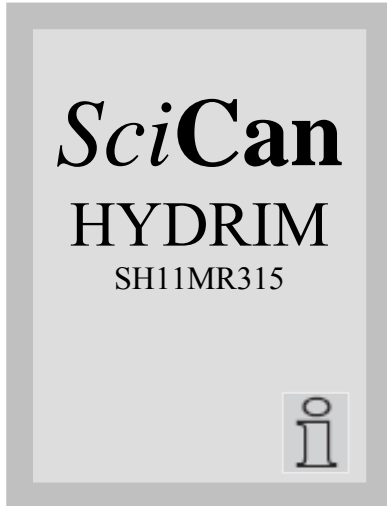
**Repeater Mode:** In the ON position, the unit will continuously run the selected cycle.

**Factory Default:** Resets all values to factory default.

**Software Upgrade:** To upgrade software via the SciCan Data logger.

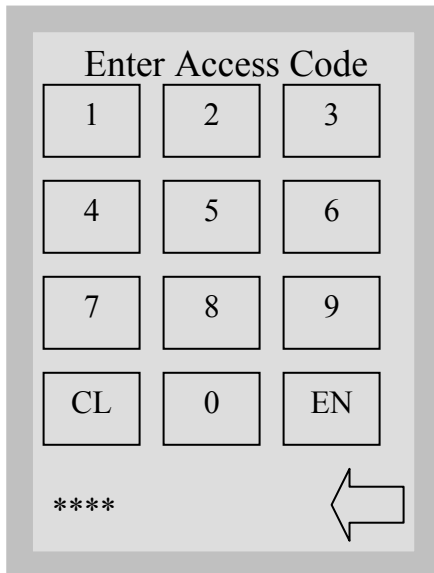
## Technical Service Menu

To access the Technician Menu, proceed to the menu screen by turning the Hydrim OFF and then ON. An “i” (information) will appear for about 10 seconds at the bottom right hand corner.



Touch the “i” to move to the Menu screen and select Technician.

Press the back arrow to return to the previous screen.

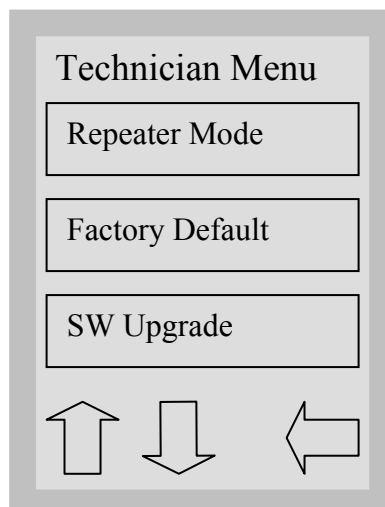
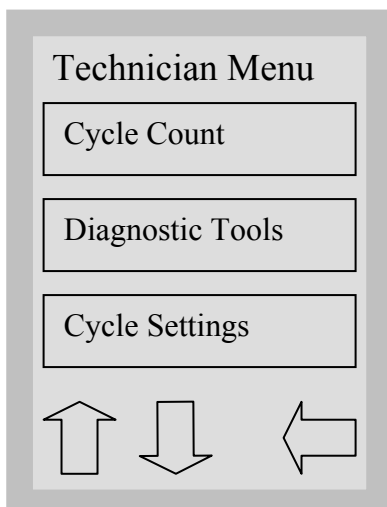


To enter the Technician Menu touch 7919 and press EN.

Password is shown as “\*” characters.

Touch CL to clear the last number entered.

Press the back arrow to return to the previous menu.

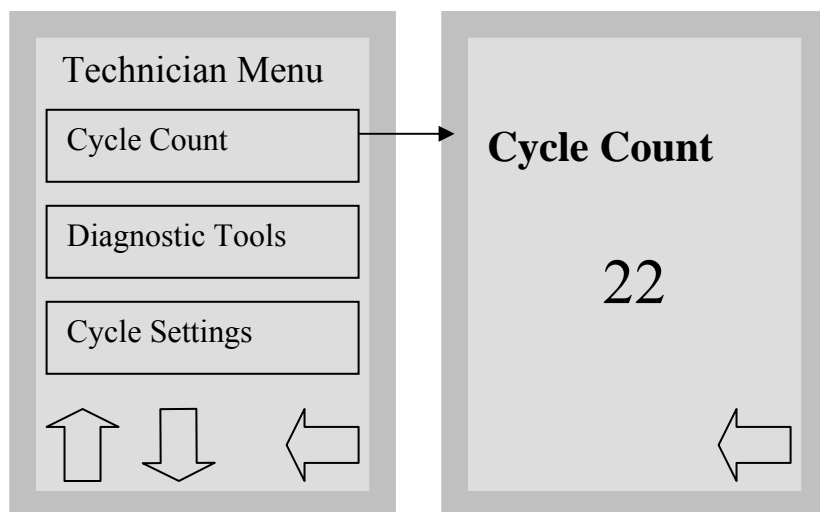


The Technician Menu consists of these six choices.

Up arrow pressed, change to previous Technician menu screen.

Down arrow pressed, change to next Technician menu screen.

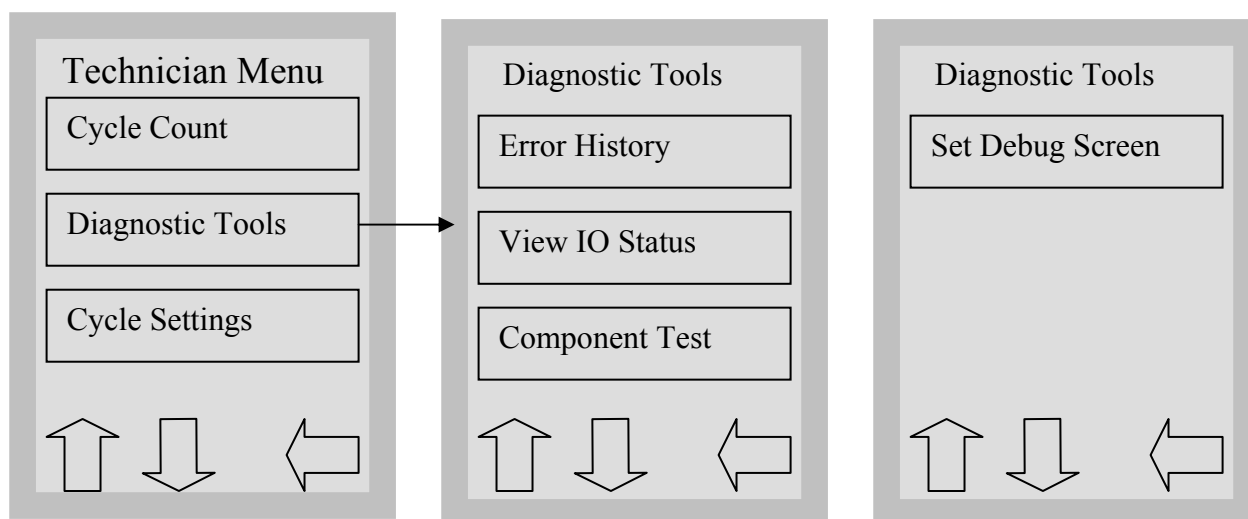
Press the back arrow to return to the previous menu.



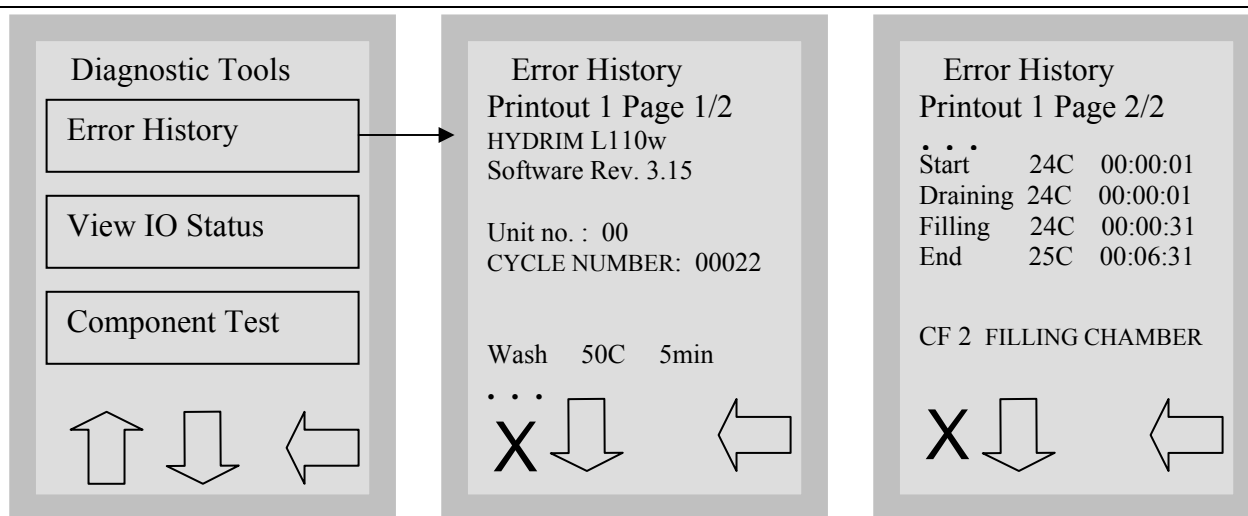
Cycle Count screen, allows the technician to see how many cycles have been run on the Hydrim.

Touch cycle count and the number of cycles (completed and aborted) will be displayed. This cannot be reset.

Press the back arrow to return to the previous menu.



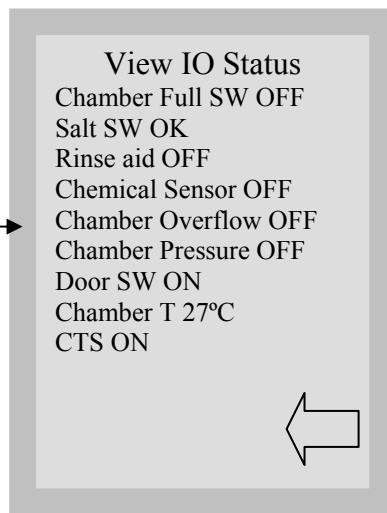
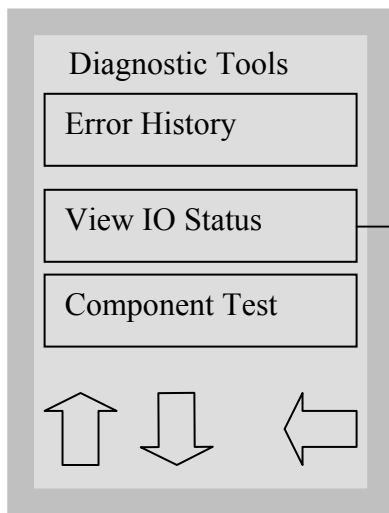
The Diagnostic Tools menu consists of four choices. Up arrow pressed, change to previous Diagnostic Tools screen. Down arrow pressed, change to next Diagnostic Tools screen. Press the back arrow to return to the previous menu.



Error History screen, allows the user to see the last four errors.

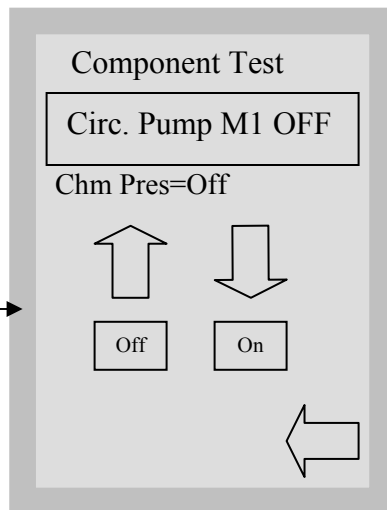
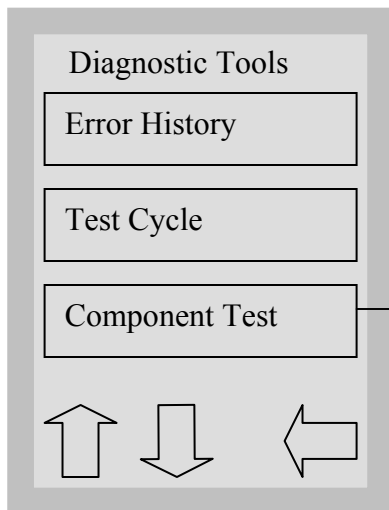
Press the down arrow to move to the next page / error. Press the X in the lower left hand corner to clear the error history. There must be 4 errors stored to clear the error history and the last error will remain.

Press the back arrow to return to the previous menu.



Shows the status of each component in the unit:

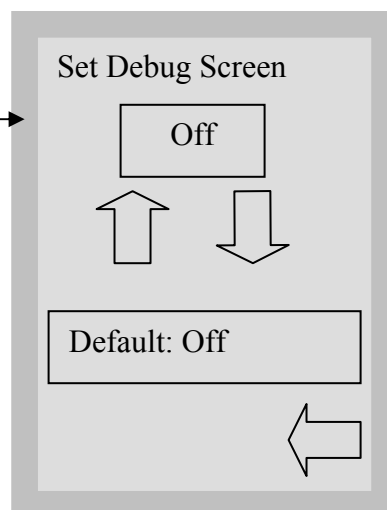
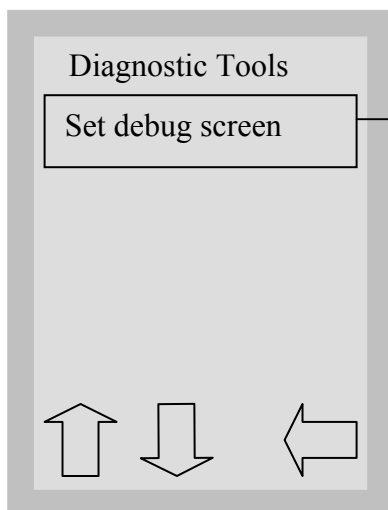
Chamber Full SW – ON/OFF  
Salt (Regeneration) SW – OK  
Rinse Aid SW – ON/OFF  
Chemical Sensor - ON/OFF  
Chamber Overflow SW – ON/OFF  
Chamber Pressure SW – ON/OFF  
Door SW – ON/OFF  
Chamber Temperature - XX°C  
CTS (clear to send) – ON/OFF (To Printer or Datalogger)  
Press the back arrow to return to the previous menu.



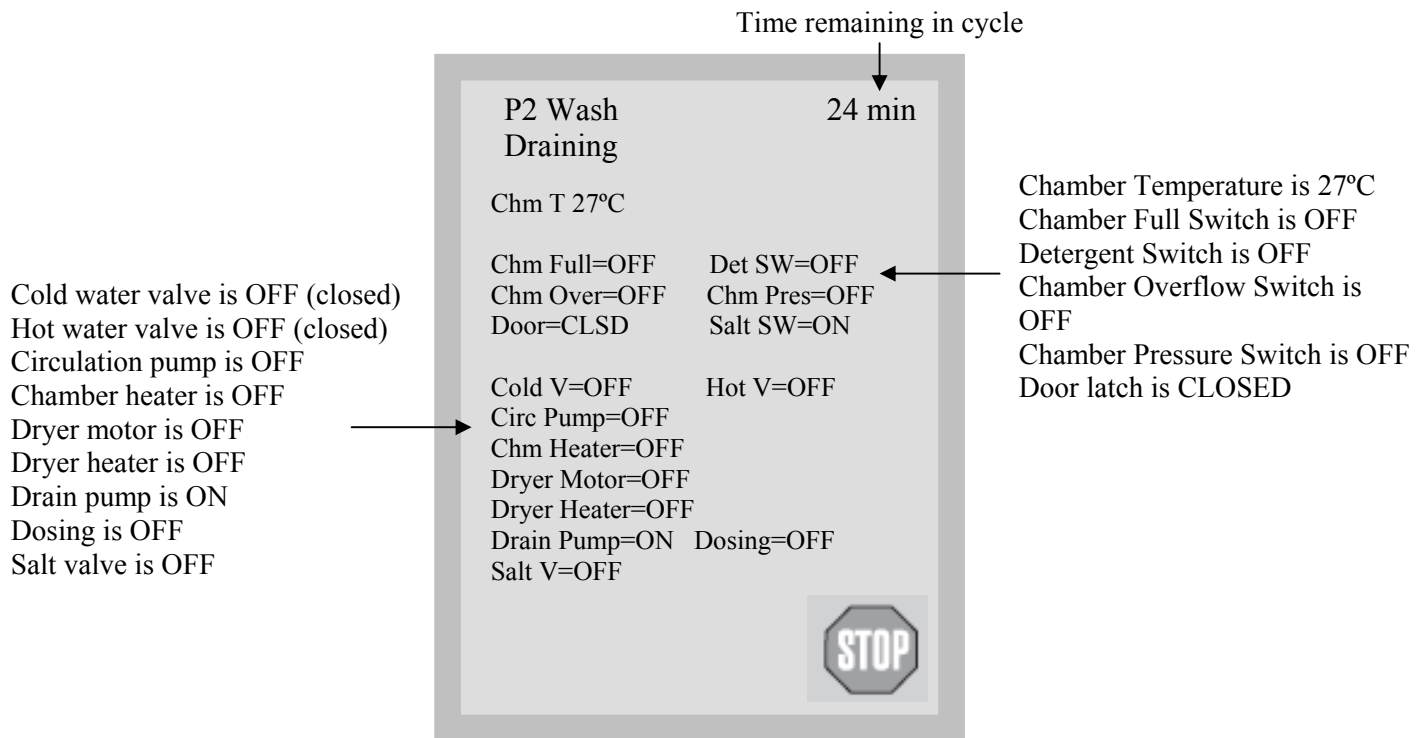
Allows individual testing of the following components:

Circ. Pump M1 - ON/OFF  
All Devices – ON/OFF  
Latch L1 – ON/OFF  
Salt Valve Y2 – ON/OFF  
Dosing Pump M4 – ON/OFF  
Dryer Motor+Heater – ON/OFF  
Hot W Valve Y7 – ON/OFF  
Cold W Valve Y1 – ON/OFF  
Rinse Aid Valve – ON/OFF  
Waste Pump M2 – ON/OFF

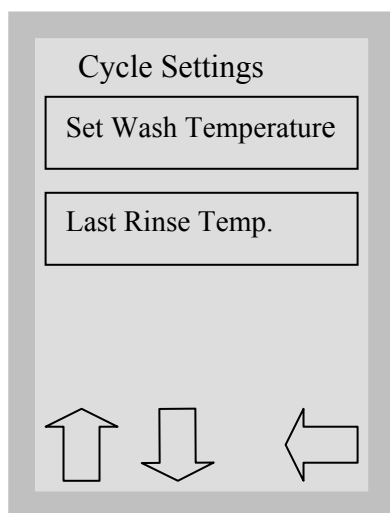
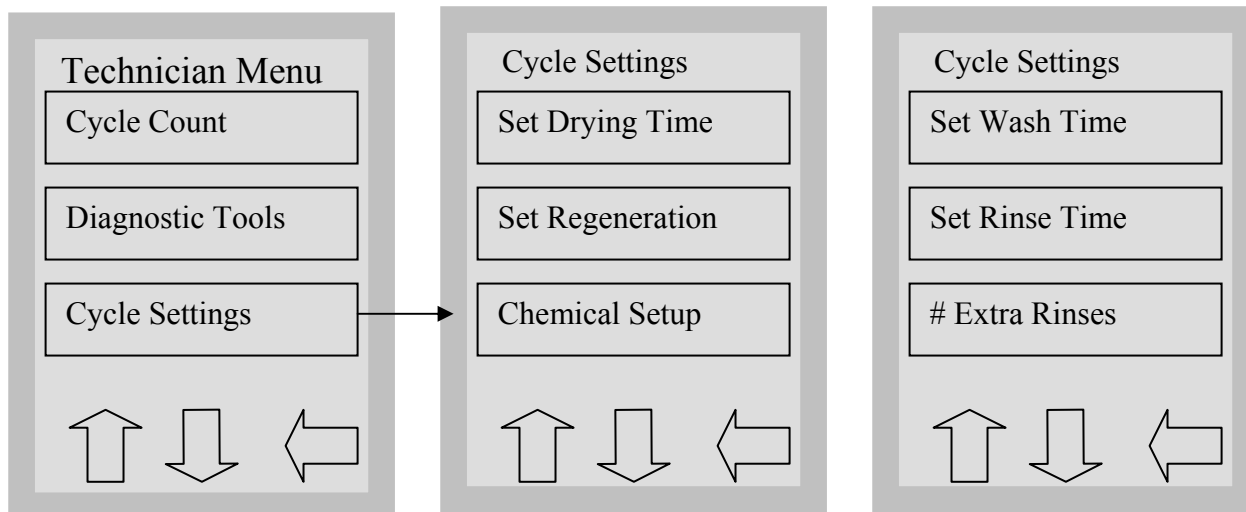
Up arrow pressed, next device.  
Down arrow pressed, previous device.  
On button pressed, set device On.  
Off button pressed, set device Off.  
Press the back arrow to return to the previous menu.



Up arrow button pressed, increase value.  
Down arrow button pressed, decrease value.  
Default button pressed, set to default value.  
Press the back arrow to return to the previous menu.



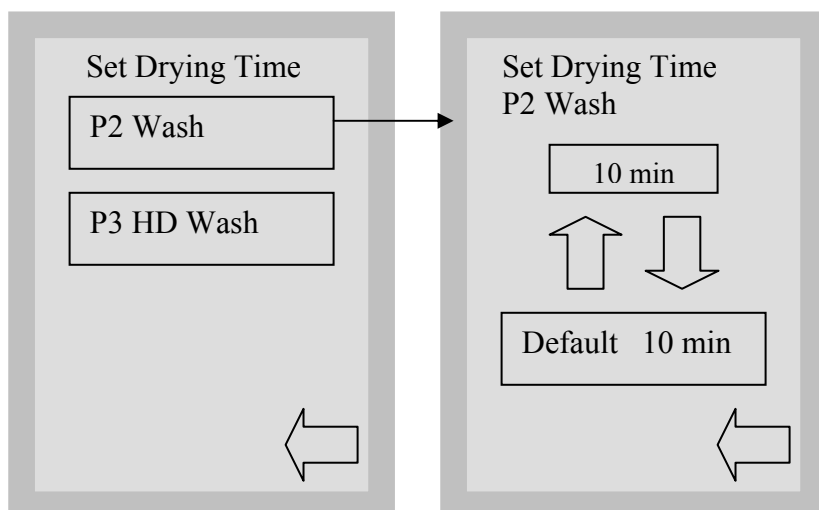
The Debug cycle should be used when troubleshooting to view the IO status of components.



Cycle Settings menu consists of eight choices.

Use up and down arrows to change to different Cycle Settings screens.

Press the back arrow to return to the Technician menu.



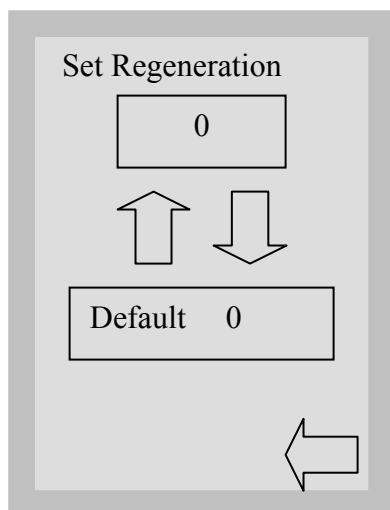
The drying time for P2 and P3 can be set independently.

Touch the cycle for which you want to set the drying time.

Use the up and down arrows to select the desired drying time.

Choose from 1 to 20 min. Press **default** if you wish to return to the factory default.

Press the back arrow to return to the Technician Menu.

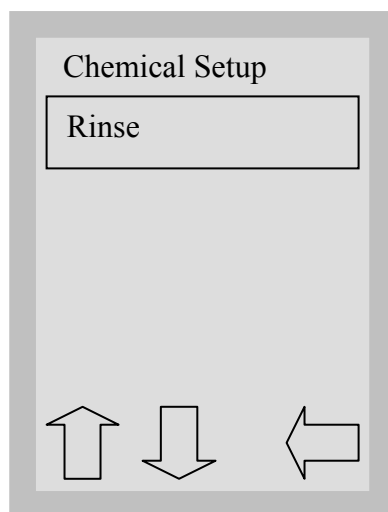
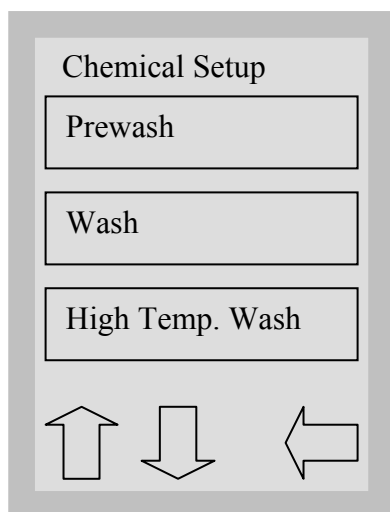


Use a Water Test Kit part #01-108305S to determine if salt is required.

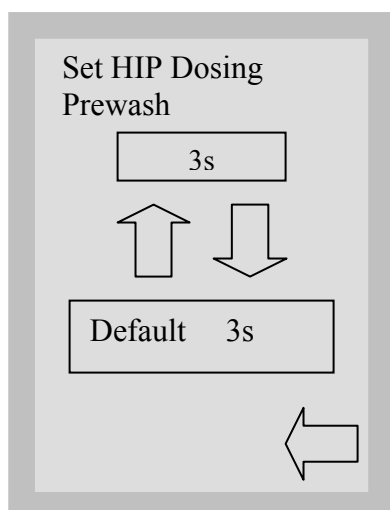
Use the up and down arrows to select the desired salt regeneration setting.

Press **default** to return to the factory default.

Press the back arrow to return to the Technician Menu.



Select cycle for dosing setting you wish to change.



Use the up and down arrows to select the desired dosing setting for the cycle selected. (Do Not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

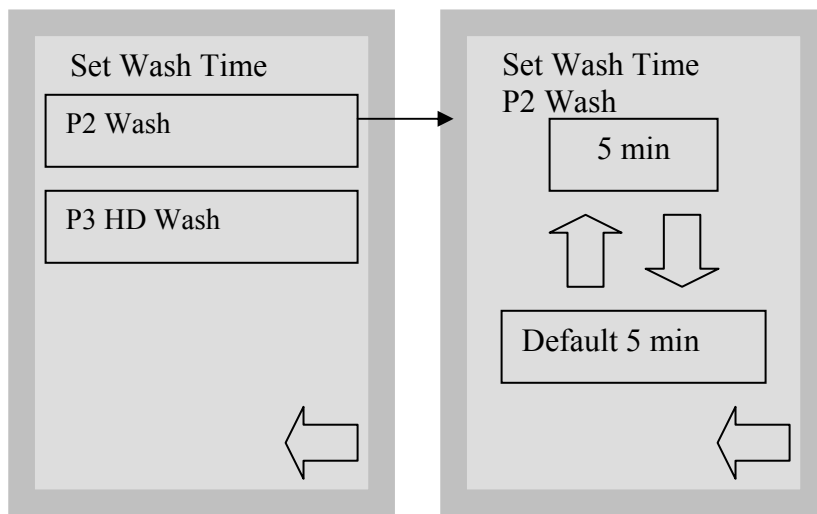
Prewash dosing Min Value 0 – Max Value 15s, Default Value 3s

Wash dosing Min Value 0 – Max Value 30s, Default Value 9s

HD Wash dosing Min Value 0 – Max Value 30s Default 10s

Final rinse dosing Min Value 0 – Max Value 15s, Default Value 6s





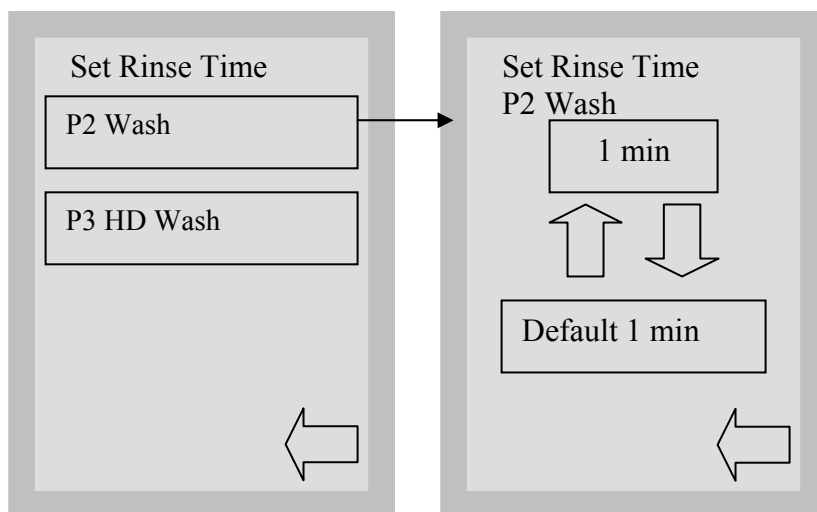
Select cycle for wash time you wish to change.

Use the up and down arrows to select the desired wash time for the cycle selected. (Do not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

P2 & P3 wash times Min Value 5 min – Max Value 15 min  
Default Values P2 – 5 min & P3 – 9 min



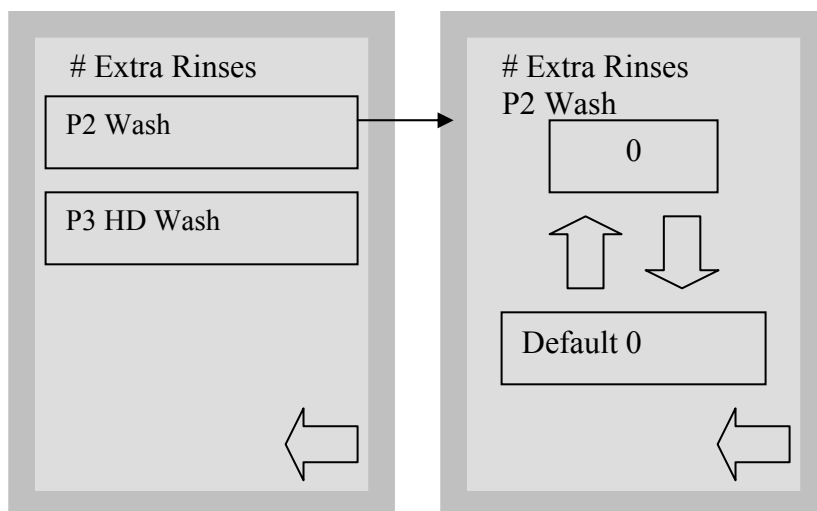
Select cycle for rinse time you wish to change.

Use the up and down arrows to select the desired rinse time for the cycle selected. (Do not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

P2 & P3 rinse times Min Value 1 min – Max Value 10 min  
Default Values P2 & P3 – 1 min



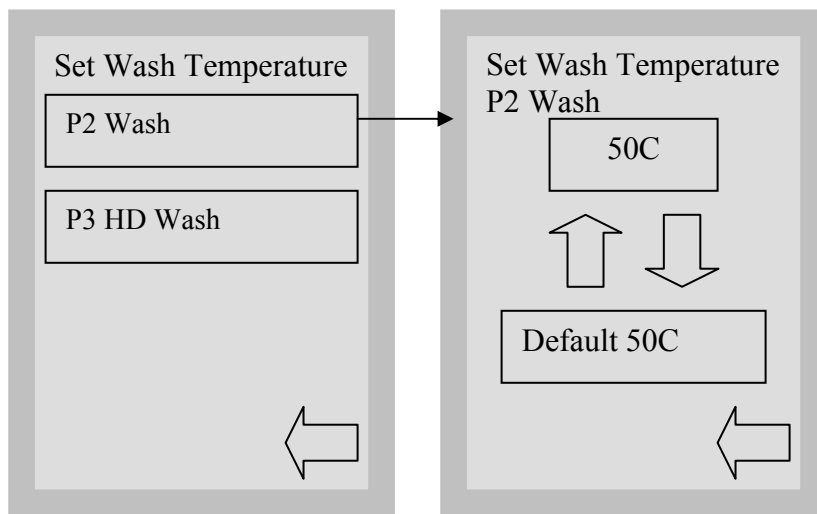
Select cycle for # extra rinses you wish to change.

Use the up and down arrows to select the desired # of extra rinses for the cycle selected. (Do not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

P2 & P3 # extra rinses Min Value 0 – Max Value 4  
Default Value P2 & P3 – 0



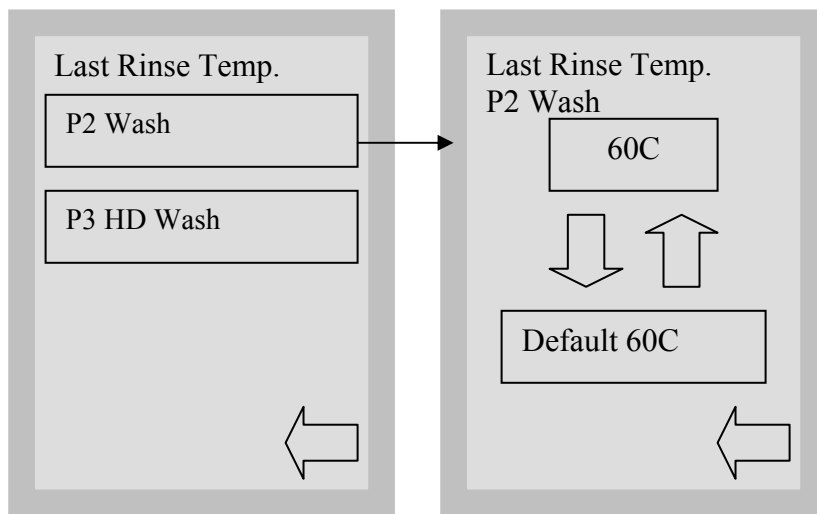
Select cycle for wash temperature you wish to change.

Use the up and down arrows to select the desired wash temperature for the cycle selected. (Do not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

P2 & P3 wash temperature Min Value 45°C – Max Value 80°C



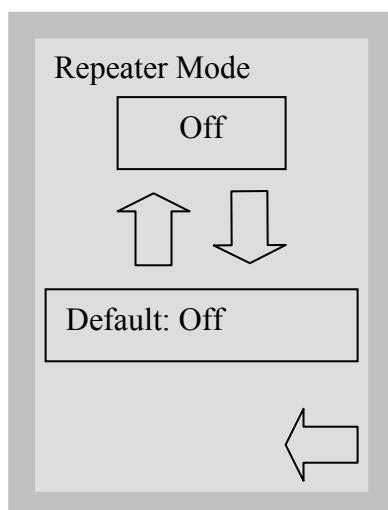
Select cycle for last rinse temperature you wish to change.

Use the up and down arrows to select the desired last rinse temperature for the cycle selected. (Do not change default setting unless directed by SciCan)

Press **default** to return to factory default.

Press the back arrow to return to the Technician Menu.

P2 & P3 last rinse temperature Min Value 30°C – Max Value 93°C



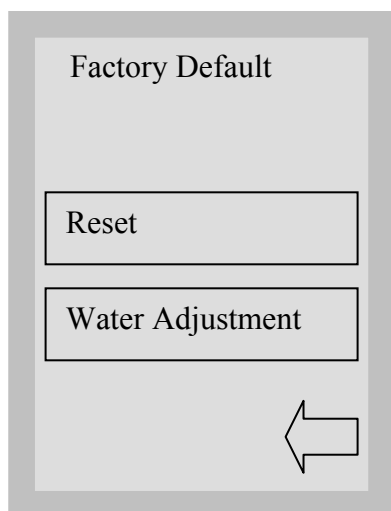
Up arrow button pressed, increase value.

Down arrow button pressed, decrease value.

Default button pressed, set to default value.

Press the back arrow to return to the previous menu.

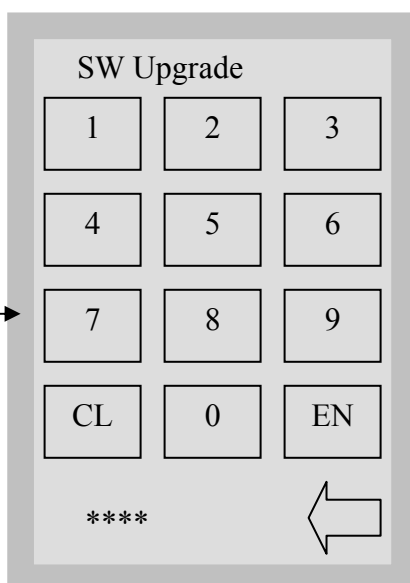
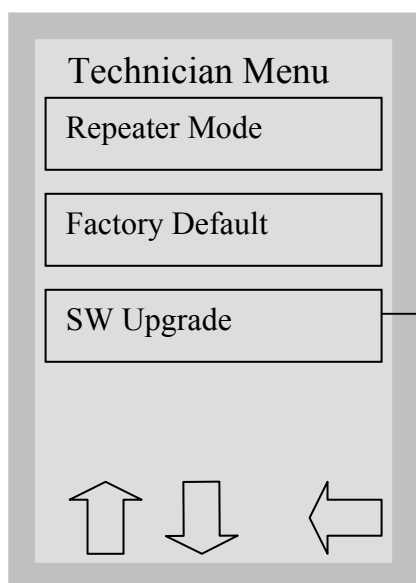
Repeater mode will reset to OFF when Power Switch is turned OFF or set to OFF from this screen. When wash cycle is aborted by pressing the stop button, repeater mode will stay ON.



Reset button pressed, reset to factory default values.

Water adjustment is for **factory only**.

Press the back arrow to return to the previous menu.

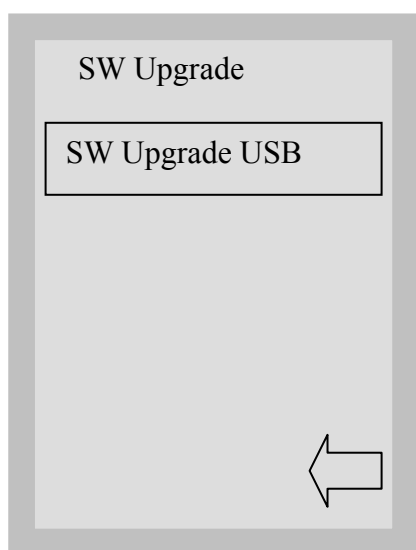


Software Upgrade select SW Upgrade  
**A Data Logger is required to upgrade software.**

To enter the Software Upgrade screen select 5849 and press EN.

Touch CL to clear the last number entered.

Press the back arrow to return to the previous menu.



SW Upgrade USB button pressed, start SW upgrade procedure. This option allows technician to upgrade software by using a USB Data Logger and files stored on a USB Memory Stick.

Press the back arrow to return to the previous menu.