



Sapphire



# SAPPHIRE MULTI-THERAPY PUMP

## QUICK START GUIDE FOR HOMECARE PATIENTS

Please refer to the Sapphire User Manual for additional information.

This advisory document does not replace the official instruction for use.

Read the User Manual and any instructions accompanying disposables or accessories before operating the Sapphire pump

International Distributor of:



# SAPPHIRE LAYOUT



# TURN ON PUMP

- 1 Turn on the pump by pressing the **ON/OFF** hard key, in the lower right corner of the pump.

If auditory and/or visual signals do not perform according to settings, or if the hard keys do not perform as expected, do not use the pump and contact your infusion provider.



# OPEN DOOR

- 1 Open the safety door. Using your thumb, press the door outwards. If **gray latch** is present, press on the latch itself outwards.
- 2 While maintaining pressure, swing the safety door outwards.



# INSERT CASSETTE

- 1 Verify all clamps are closed. At an angle, place the saddle on the round metal anchor and clip the upper end of the administration cassette into the metal lock.

If the set includes a filter, make sure the filter's arrow points in the direction of the flow.



- 2 Make sure the arrow on the cassette is pointing towards the bottom of the pump.



- 3 Close the safety door and ensure that the safety door clicks upon closure.

Sets are single use. Use Aseptic technique.

Only use administration sets designated (or designed) for the Sapphire pump.



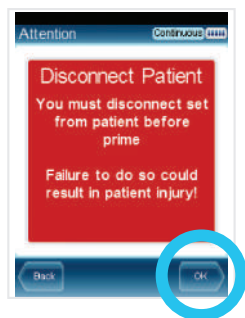
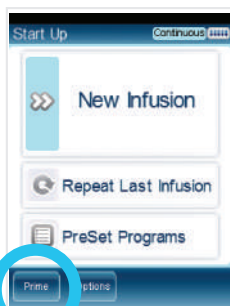
# PRIME THE CASSETTE USING THE PUMP



Before priming, verify that the Administration set is disconnected from the patient

- 1 Verify that the administration set is disconnected from the patient.
- 2 From the toolbar of the Start Up screen, press **PRIME**.
- 3 From the Attention screen displayed next, press **OK**. Priming begins.

- A progress circle appears on the screen, with a time countdown displayed.
- Default priming time is 2 minutes.
- The pump automatically indicates when priming is complete.
- Priming can be stopped by pressing **FINISH PRIME** in the lower right hand corner of the screen and then **OK** from the confirmation screen.



During priming with the pump, air and occlusion detection alarms are inactivated. While priming, ensure IV set is open, that there are no occlusions and that fluid, not air, enters the administration set.

Ensure all air in the IV set is replaced by fluid.

\* It is recommended to prime using the pump. It is possible to prime manually. Please see User Manual for details.

\*\* Priming with the pump is available at anytime before pressing "Start"

# STARTING AN INFUSION WITH PRESET PROGRAMS

- 1 From the **Start Up** screen select **PreSet Programs**.
- 2 Select the row of the desired program.
- 3 Review the parameters that are displayed, then press **OK**.
- 4 From the Start screen, press **Start**.



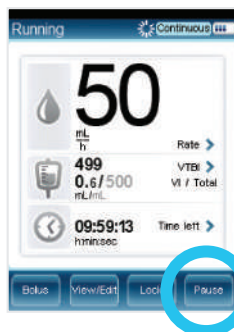
If no PreSet infusion parameters have been programmed for the current infusion mode, a blank screen appears.

Verify that the parameters reflect the current treatment according to the prescription.

# TO PAUSE/RESUME AN INFUSION

To pause an infusion using the **PAUSE** function key:

- 1 From the toolbar, press **PAUSE**, then select **OK**. After 30 seconds an attention screen will appear and an auditory alarm will sound. Select **OK**.



To resume an infusion:

- 1 From the toolbar, select **CONTINUE**.
- 2 From the toolbar of the running screen, select **OK**. The main display appears and the infusion resumes.

NOTE: If you do not select OK within several seconds, the infusion will not pause and an alarm will sound.

# TO STOP/RESUME AN INFUSION

To stop an infusion using the **STOP** hard key:

- 1 At the bottom of the pump, press **STOP**. The infusion pauses.

To resume an infusion:

- 1 From the toolbar, select **CONTINUE**.
- 2 From the toolbar of the Attention screen, select **OK**. The main display appears and the infusion resumes.



## TO STOP AN INFUSION IN AN EMERGENCY

In case of emergency, you can stop pump operation by opening the safety door, closing the clamps, removing the administration cassette from the pump, and disconnecting the administration set from the patient.

# TO REMOVE CASSETTE

- 1 When the infusion is complete, disconnect the administration set from the patient, close the clamps and disconnect the administration cassette by raising the metal lock that secures it to the pump.



# TURN OFF PUMP

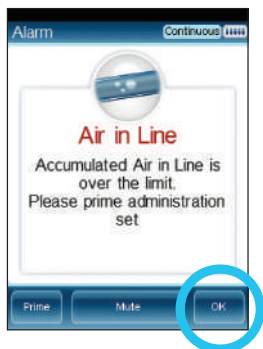
- 1 To turn pump off, press and hold the **ON/OFF** key for five seconds.



# ALARMS

- 1 When an alarm sounds, pump will immediately provide a message with the error and a suggested resolution.
- 2 Follow suggested alarm resolution, then press **OK**. If still unresolved, contact your infusion provider.

Alarm volume may be configured to maximum or minimum. When the option is set to minimum, messages are provided with a visual signal only.





# CHARGING THE BATTERY

The pump can operate while it is being charged.

To preserve battery life, connect the pump to a wall outlet, using the power supply cord, whenever possible.

## To charge the battery:

- 1 With the white arrows facing up, plug the plastic end of the power supply cord into the Sapphire pump power socket.
- 2 Plug the other end of the power supply cord into a wall outlet.
- 3 On the front of the pump, verify that the Charge LED status indicator is ON (blinking yellow light). The yellow LED will remain steady on when battery is fully charged.

An alarm is triggered when there are 30 minutes left until battery depletion. This time may vary depending on the delivery rate, the frequency of pressing the keys and whether the backlight is on. When the Battery Depletion alarm sounds, or following long periods of storage, connect the pump to the wall outlet, using the power supply, immediately.

# WARNINGS



Avoid placing the administration set or power cord on the floor or any other location where it can accidentally be damaged or provide a risk of strangulation, particularly due to excessive length.



Before charging the battery, ensure that the device is completely dry. Failure to do so may compromise patient safety.



Ensure that only a rechargeable LI-Ion battery designated for the Sapphire pump is used.

Do not operate pump with the safety door open.

When using filtered-sets, maintain filter level below the vascular access site.

Do not pull or stretch the tubing in any section of the administration set when the pump is in use or apply pressure to the reservoir container.

Ensure that the bottom flange is inside the cassette housing.



Do not place the Remote Bolus Cord where the button might accidentally be pushed. Accidentally pushing the button may deliver an inadvertent demand bolus.



When using a mini-cradle, the bolus handle must be connected directly to the pump.



PCA and PCEA: The demand bolus option should be used only by the patient. Administration of a demand bolus by anyone other than the patient (especially if the patient is sleeping or sedated) incurs the risk of potentially fatal overdose.



Make sure there is no leakage from the container, and that the spike is firmly attached to the container.

Some content redacted by HomeMed  
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