

Only Trained Healthcare Professionals are Authorized to use the Sigma Spectrum Pump



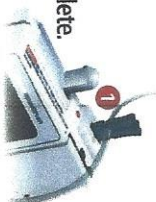
sigma spectrum Quick Reference Guide

Starting a New Infusion

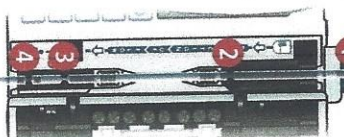
Press POWER ON KEY  wait for power-up to complete.

Set Loading

1. Gravity prime the IV, removing all air from Y sites and backcheck valve. Position and close the roller clamp on the IV set comfortably below the pump.
2. Insert the slide clamp into the keyhole on top of the pump at **1**.
3. Push down on the slide clamp until the door opens.
4. Load the tubing into the tubing guides as illustrated. Starting at the top with the slide clamp at **1** proceeding in order through guides **2** **3** & **4** ensuring the fluid flow is directed from the IV container to the patient.
5. Close the door by pressing with both thumbs at top and bottom of door over latches.
6. The IV set is properly loaded when the screen displays three green bars and check marks as illustrated in Fig. 1, on page 2.



From IV Container



To Patient

(Set Loading Continued)

7. To open the slide clamp, hold the tubing down at the keyhole while pulling the slide clamp up and out as in Fig. 2. Open the roller clamp and confirm no flow.

New Patient Prompt

When the pump is turned on and programmed infusion data exists in memory, a screen displays asking the operator if the intended use for the pump is for a New Patient.

- Answering **YES** to this prompt clears the existing infusion data.
- Answering **NO** retains the data and allows the operator to resume the infusion.

Select Your Care Area

Using the soft arrow keys, scroll to the desired care area and press **OK**.

Select a Drug

1. Type the drug's first two letters (similar to phone texting). A list of all matching drugs will automatically be shown.
2. Using the soft arrow keys, scroll to the desired drug and press **OK**.

Basic Infusions

For drugs **NOT** in drug library

IMPORTANT: If a drug is not available in the Master Drug Library, follow your facility's procedure to request a drug library update.

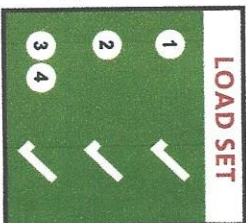


Figure 1

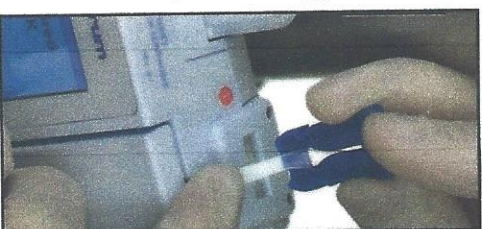


Figure 2

(Basic Infusion Continued)

1. Select the Care Area.
2. Enter "B" "A" and scroll to the BASIC selection.
3. Using the soft arrow keys select Primary or Secondary Bag and press OK.
4. Select a dose mode and press OK (default is mL/hr).
5. Type in the required values, press OK after each entry.
6. Press **RUN/STOP** to start the infusion.
7. Check flow to confirm clamps are open, no tubing kinks and drops are falling.

Secondary Infusions

1. Program a Primary Infusion.
2. Lower the Primary Bag at least 20" below the Secondary Bag.
3. Stop the pump if running, press **REVIEW/PROGRAM** soft key.
4. Press **PROGRAM SECONDARY** soft key.
5. Type the drug's first two letters.
6. Press **OK** to select/confirm secondary bag.
7. Follow all setup steps.
8. Press **RUN/STOP** to begin Secondary infusion.
9. Check flow for drops falling in the secondary not the primary drip chamber and press **YES/NO** soft key to confirm.

Set Unloading

1. Close the roller clamp on the set below the pump
2. To unload set, insert the slide clamp in keyhole at **1** to open the door and clamp the tubing.
3. Remove the tubing by pulling out from the bottom towards the top.

Troubleshooting/Operating Tips

- Alarms - Follow all prompts on screen to clear alarms. Silence will be the right soft key. Press **SILENCE** soft key or any key to silence the alarm for 2 minutes.
- Start with a fresh section of tubing loaded in the pump, make sure there is enough tubing for patient movement.
- Correct loading is confirmed by drops falling in drip chamber after pressing RUN. Confirm flow from IV container, to drip chamber, to patient.
- Always press **OK** to confirm entries and changes.
- Keep the power cord plugged in whenever the pump is not in use.

Soft keys

- **Options** – Allows operator adjustment of alarm and display settings.
- **TITRATE** – Press the **TITRATE** soft key to change the flow rate and VTBI (volume to be infused) without stopping the pump.
- **Review** – Displays infusion information.
- **Review/Program** – Return to primary setup screen.
- **Hold** – Infusion is in stand-by (No alarm) until any key is pressed.



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