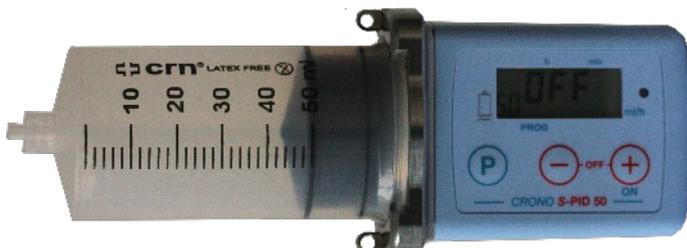# Crono **S-PID 50 V2**
Short Programming Guide - Flow Mode (mL/hr)

Caution: Users must familiarise themselves with the full user instructions. These notes provide only a reminder of main functions.

Pump activation and mode selection

The default delivery setting for the S-PID 50 is timed mode. This allows programming in time of infusion. It is possible to change the mode of operation by removing and replacing the battery.

The pump will then perform a short self test procedure during which a full screen display of all elements should appear.

When the symbol [-t-] is displayed press and hold the [P] button until the display flashes. Press the [-] button until the display changes to [-F-]. Press [P] to confirm and the pump will switch to [OFF] mode.

Locking/unlocking the keypad

By default keyboard lock is not activated on this device.

With the pump displaying [OFF] press the (-) key for approximately 7 seconds. A number representing the number of completed infusions will appear on the screen.

While still holding the [-]key depress the [+] key .The screen will display flashing [L.0] and keyboard is unlocked.

Use the (+) or (-) button to select required value. (L1 is on, L0 is off)

This symbol will display when the keyboard is locked.

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Programming the pump

With the keyboard unlocked, and the pump displaying[OFF] pressing the [P] button will allow you to step through a menu to set the following parameters in turn.

End of infusion alarm   *On/Off*
Infusion Break Points   IP.1 to IP.5 (Normally set to IP.1)
          (This allows you to pause the infusion to change the infusion
            site for larger volume infusions)
Syringe Partial Volume   *1ml steps*

Setting procedure

Press the [P] button to select alarm setting. *Use the (+) to set alarm on or (-) button to select alarm off*

Press the [P] button to confirm value and select the Infusion Break setting. *Press [-] button to reduce the number or [+] button to increase.*

Press the [P] button to confirm value and select the partial volume setting. *Press [-] button to reduce the volume or [+] button to increase.*

Starting infusion and setting infusion time

Start the infusion by pressing the [+/ON] button.

You are given the option to prime the infusion set [Pr]. Press and hold the [P] button to deliver the required prime up to a maximum of 1.5mL.

Press the [+] button again to start the infusion at any time.

To change the infusion rate press the [+] button to display the current flow rate . Press the [-] key until the screen symbols flash, and then press the [+] button to increase, or the [-] button to reduce, the infusion rate.

After 5 secs this will be locked into the pump memory.

Resetting plunger position

At the end of an infusion the plunger will automatically return to its programmed start position

To return this earlier, switch the pump into [StoP] mode by pressing the [+] and [-] keys together. Then press the [P]and [-] buttons together until [END] appears on the screen.

 The syringe rubber plunger will not be withdrawn with this procedure.