

## Crono S-PID 30

### 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 30 is timed mode. This allows programming of the duration of infusion. To change the mode of operation remove and then replace the battery.

*The pump will 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 the 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.

## 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
Syringe Partial Volume	1ml steps

## Setting procedure

Press the [P] button to select alarm setting.

*Use the (+) to set alarm on or (-) button to set alarm off*

Press the [P] button to confirm value and select the partial volume setting.

*Press [-] button to reduce the volume or [+] button to increase.*

Press the [P] button to confirm value and the pump will take a short time to position the plunger at the programmed position.

## 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 seconds 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 the plunger 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.