Crono **S-PID 100**
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 100 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.

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.

Set Flow rate	*0.2 mL/hr to 300 mL/hr*
End of infusion alarm	*On/Off*
Infusion Break Points	IP.1 to IP.5 (Normally set to IP.1)
Syringe Partial Volume	*1mL steps*

Setting procedure

Press the [P] button to select flow rate setting. *Use the (+)   or (-) button to set the desired rate*

Press the [P] button to confirm value and select the Alarm sound setting. *Press [-] button to turn the sound off or the [+] button to turn it on.*

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

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

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.