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|---|---|---|--|
|  | (GREEN Syringe Flashing): Pump Running  |  | Mains power on   |
|  | (RED Syringe Flashing):<br>- Syringe nearly empty / Syringe empty                                 |  | (GREEN Battery): Pump running on battery<br>(FLASHING): Pre Low Battery Alarm (30mins left)<br>Press <b>2MIN / OPTION</b> key <b>(5)</b> to confirm                |
| <b>KVO</b>  | (Keep Vein Open) Rate = 0.3mL/h<br>Restart pump if desired  |  | (RED Battery FLASHING & Audible Alarm):<br>Connect mains power as soon as possible   |
| <b>RATE</b>   | Rate has been changed   |  | Occlusion Alarm: Check the following:<br>- Is door shut?<br>- Is the line / cannula kinked?<br>- Has the cannula tissued?<br>- Has the patient moved to stop flow? |
| <b>DEFECT</b>   | Do not use the pump any more<br>Write down exact circumstances<br>Send pump to Service Department |   |  |

### Additional Features

**Bolus:** When the pump is infusing, a *Manual* or *Automatic* bolus can be given

#### ▪ Manual Bolus:

Press **MENU/SELECT (5)** & **BOLUS/ESC (8)** key together for a short time.

The Bolus Rate is displayed in **VOLUME** window **(10)** (The Bolus rate may be changed in the **VOLUME ML** window if desired)

Press and hold **BOLUS/ESC (8)** key to deliver the bolus

Release **BOLUS/ESC (8)** key to stop the manual bolus (syringe will revert to normal infusion)

#### ▪ Automatic Bolus:

Press **MENU/SELECT (5)** & **BOLUS/ESC (8)** key together for a short time.

The Bolus Rate is displayed in **VOLUME** window **(10)** (The Bolus rate may be changed in the **VOLUME ML** window if desired) Press **MENU/SELECT (5)** to confirm rate.

Enter Bolus volume in **VOLUME ML** window.

Press **MENU/SELECT (5)** to start Automatic Bolus.

#### ▪ Time Over Volume: When a specific volume is to be infused in a given time

Complete instructions on Condensed Instructions (up to green star ★)

Press **START/STOP** key **(7)** to confirm.

Press **MENU/SELECT (5)** and scroll the to the menu point **TOV** in the LCD by using the up/down keys in the **VOLUME** window **(10)** Press **MENU/SELECT (5)** to confirm.

Enter the Infusion time in the **RATE** window **(9)** and the VTBI in the **VOLUME** window **(10)**

Press **START / STOP** key **(7)** to start infusion

#### ▪ Ramping Mode: Please see User Manual.

#### ▪ Choosing a Drug: Please see User Manual.