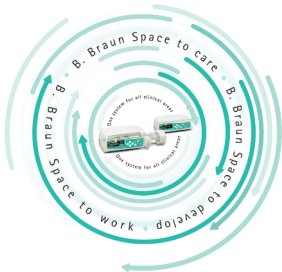
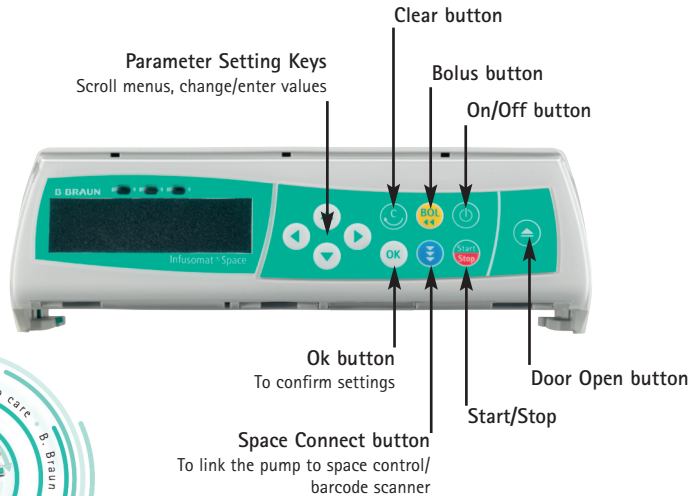





# Infusomat® Space Volumetric – Quick Reference Guidelines



**B | BRAUN**  
SHARING EXPERTISE

**BACCN**  
British Association  
of Critical Care Nurses  
Educational and procedural content  
endorsed by BACCN

Software F/G/H/J

1. Press  to switch on the pump. The pump will now go through a series of self checks.
2. Press  and  to open the pump door.
  - If your pump is not configured to do so, manually prime the line. Prior to loading giving set, ensure roller clamp is closed.
3. Insert the infusion line from right to left.
  - **First ensure the opening lever is pressed down and the yellow hazard light is flashing.**

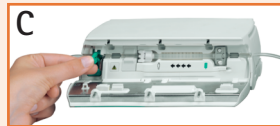
A. Insert the first white two holed clip.






B. Insert the second white clip.



C. Insert the green clamp into the anti-free flow slot.





- *When correctly inserted the yellow hazard light will stop flashing.*
4. Push and hold the door firmly for a few seconds to close.
  5. Confirm giving set type with .
  6. You may now open the roller clamp on the giving set.


 If your pump is configured to prime the line press  to prime and repeat as necessary. Ensure the pump is disconnected from the patient before priming.


1. \* Enter the Volume To Be Infused "VTBI" by using , and confirm with .

2. In the Main Menu  highlight rate with  and select with .

3. Select the correct rate with .


4. Press  to commence infusion.

- Once VTBI and Rate parameters are entered, the Time is automatically calculated.
- Moving arrows  on the display plus a green operating light indicate the pump is infusing.




 Check the displayed values with the values intended. Start only if values correspond.

- \* You do not need to enter a Volume To Be Infused if you have a drop sensor connected.





During Infusion: The infusion will NOT be interrupted


1. Whilst the pump is running, press  to open rate setting.






2. Select the new rate with .
3. Press  to confirm.  
If you do not press  within 20 seconds a "value not accepted" alarm will sound.

Stopping the Infusion to change rate:

1. Press  to stop infusion.
2. Press  to open rate setting.
3. Select the correct rate with .
4. Press  to commence infusion with modified rate.


 Always check the displayed value with the value intended.

- Interrupt connection to the patient to avoid dosage errors during line change.
  - Never leave the pump unattended during a line change.
  - Pump must be powered ON to change the giving set.
1. Press  to stop infusion.
    - Ensure the roller clamp is closed on the giving set; disconnect from the patient.
  2. Press  and  to open the pump door.
  3. Pull door down to open.
  4. Press the green opening lever of the anti-free flow device within the pump.

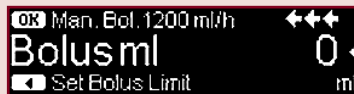






5. Remove set and replace with a new line.
6. Press pump door firmly to close.



 Check the displayed values with the values intended. Start only if values correspond.

 The pump must be infusing in order to deliver a bolus.

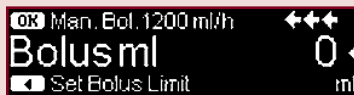
- To deliver a bolus with a preset bolus limit:





- Press  to access the bolus screen.
- Press  to access the bolus limit screen.
- Using  set a bolus dose.
- Press  to deliver the bolus.


 Remember that the bolus can be stopped at any time by pressing .




- To deliver a manual bolus:




- Press  to access the bolus screen.
- Press and hold the  to deliver a manual bolus.

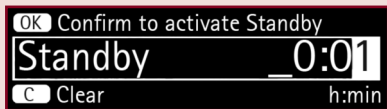
- The pump will only allow a manual bolus to be delivered for a maximum of 10 seconds.







 Ensure you check the delivery rate on the bolus screen before delivering the bolus.


1. Stop the infusion by pressing .
2. Press  once to access the Standby Function.
3. Answer YES with  arrow key to "Use standby?"
  - Standby will now be activated with previously used standby time.

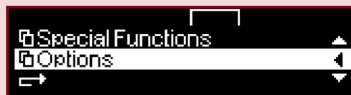




4. To change the desired duration the pump goes into standby press  arrow key.

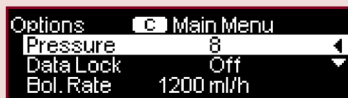



5. Use the directional keypad  to change the time or press  to clear and start from zero.
  6. Once desired time has been chosen press  to confirm.
    - The pump will now start to count down the desired standby time.
    - Standby mode can be cancelled at any time by pressing .
-  If the giving set is in-situ the pump cannot be switched off. Standby is activated after pressing  for 3 seconds.

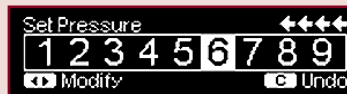
1. If the infusion is running press  to return to the Main Menu.  
When the infusion is stopped it will automatically be on the Main Menu screen.






2. Use  to highlight the Options Menu.
3. Once Options is highlighted, press .







4. Press  to access the Pressure settings.





5. Use  to adjust the pressure alarm setting.  
Adjust in accordance with local policy. The higher the pressure alarm level is set, the higher the resistance must rise before triggering an occlusion alarm. Increasing the pressure alarm setting may lead to a prolonged alarm reaction time.
6. Press  to confirm the new pressure setting.
  - If the pump is running it will automatically default back to the running display. If the pump is not infusing, press  to return to the Main Menu.



1. From the Main Menu use the  to scroll down to the Options Menu.
2. Once the Options Menu is highlighted press  to access.
3. Use the  arrow keys to highlight Data Lock and press  to access.





Set Data Lock

4. Use the  to set Data Lock at Level 1 or Level 2 and then press .


**LEVEL ONE** will allow the user to start and stop the infusion, change the disposable, and turn the pump off. All other actions will require the code.


**LEVEL TWO** will only allow the user to stop the infusion. All other actions require the code.

5. Activate Data Lock by using the directional keypad  to input the 4 digit code:


 Once activated any changes need to be made within 20 seconds. After this, a key symbol appears on the screen. At this point any further changes to infusion parameters will require the code.



6. De-activate the Data Lock by following steps 1 to 5 and returning the Data Lock level to OFF.

 The giving set must be removed in order to switch the pump off.

1. Stop the infusion at any time by pressing .

- The green operating light will go out.


2. Turn the pump off by pressing  for 3 seconds.

 If the giving set is in-situ the pump cannot be switched off.  
Standby is activated after pressing  for 3 seconds.

- Yellow LED Alarm


“VTBI near end”

The pre selected volume is nearly infused.

Press  to mute alarm, infusion will continue and the time remaining until end of VTBI will flash on the display.


“Time near end”

Pre selected time has nearly finished.

Press  to mute alarm, infusion will continue and the time remaining will flash on the display.


“Battery nearly empty”

The battery is almost discharged. You have 30 minutes before the pump will automatically turn off.

Press  to mute alarm, connect to mains or replace battery pack.



## • Red LED Alarm

### "Device Alarm"

Press  to switch the pump off, then immediately switch back on. If self check is then completed, continue to use the device. Should alarm re-occur, note the error code, withdraw pump from use and report fault as per local policy.

### "Pressure high"

Occlusion in the system, set pressure level was exceeded.


1. Press  to mute alarm.
2. Check and act accordingly.  
Is the tubing kinked or damaged?  
Is the patient access patent?  
If there is an inline filter, is that patent?
3. Increase occlusion pressure if necessary (see Adjusting Pressure Settings).
4. Press  to recommence infusion.


### "Check upstream"


The upstream sensor triggers an alarm. Check if roller clamp is closed or if infusion line is kinked.

### "Air bubble" / "Accumulated air"



Air detected in the line.

Press  to mute alarm.

To purge the line disconnect from the patient and press . Repeat until the air is removed.

Press  to recommence the infusion.

Or







Press  to cancel prime (consider removing the line and manually prime to remove the air) press  to recommence the infusion.

- **Red LED Alarm**

### "VTBI infused"

Pre selected volume infused  
and KVO inactive.

#### Enter new VTBI and continue therapy

1. Press  to mute alarm.
2. Use  to scroll down to VTBI and press .
3. Using  enter new VTBI and press .
4. Press  to recommence infusion.


Or

Continue without VTBI (only if drop sensor  
connected)

Press  and Press  to resume.

Or


To end infusion and turn off

Press and hold .







### "Time expired"

The pre selected time has expired.

To continue without preset time

1. Press  to mute alarm.
2. Press  to resume.

Or to enter new time

1. Press  to mute alarm.
2. Use  to select time and press .
3. Use  and  to enter a time.
4. Press .

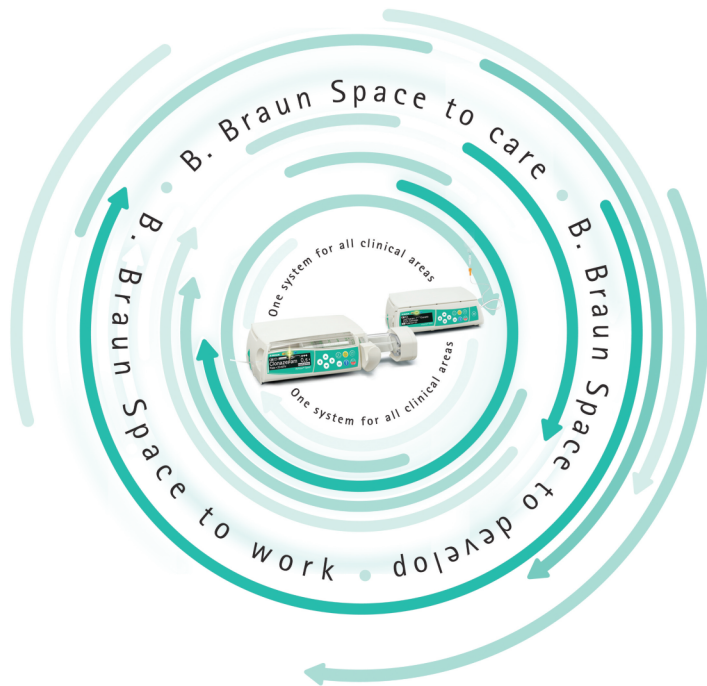
Or to end infusion

Remove disposable and turn the pump off.

### "Battery empty"

The battery pack is discharged, you have 3  
minutes before the pump will automatically  
turn off.

Connect to mains or replace battery pack.



This booklet is provided for reference only. Prior to operating this equipment all users should consult the full Instructions For Use.

B. Braun Medical Ltd | Hospital Care | Thorncliffe Park | Sheffield | S35 2PW  
Tel: 0114 225 9000 | Fax: 0114 225 9111 | [www.bbraun.co.uk](http://www.bbraun.co.uk)

XX-SIIFUM-09-14