



BD Alaris™ neXus PK Syringe Pump

REF PKneXus1

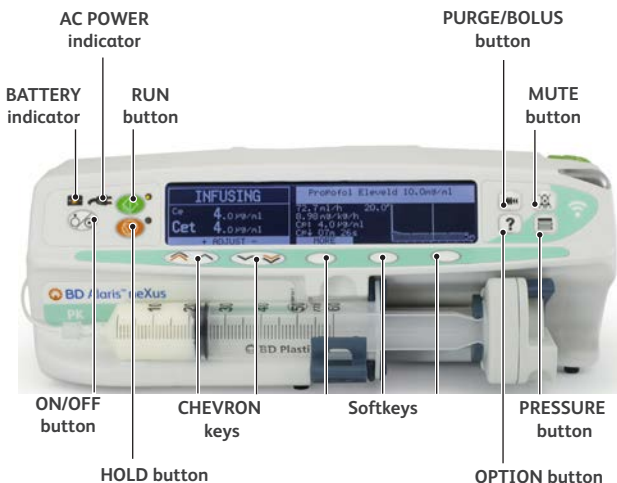
Quick Reference Guide – en

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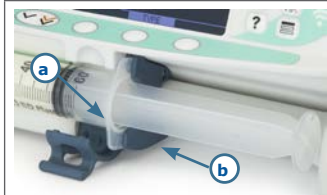


- This document is not intended to contain comprehensive instructions for the set-up and operation of the BD Alaris™ neXus PK Syringe Pump.
- For comprehensive instructions, refer to the BD Alaris™ neXus PK Syringe Pump Directions For Use.
- All persons operating the pump should consult the Directions For Use.

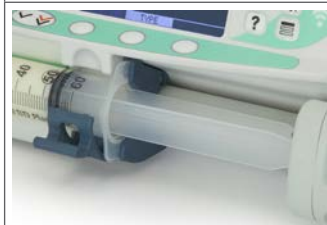




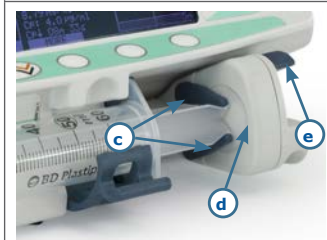
1. Open syringe clamp



2. Securely place barrel flange (a) in between the two parts of the syringe flange clamp (b). Ensure syringe can remain in position with syringe clamp open.



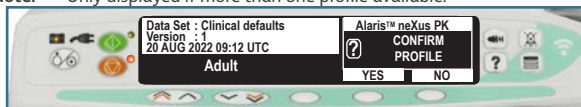
3. Close syringe clamp



4. Ensure that both plunger grippers (c) are fully locked on to the plunger flange (d) and the upper finger grip (e) has returned to its original position.

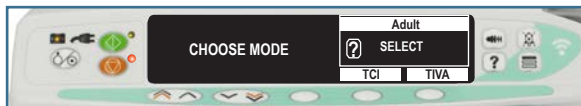
1. Switch pump on  and Confirm Profile? YES or NO.

Note: Only displayed if more than one profile available.

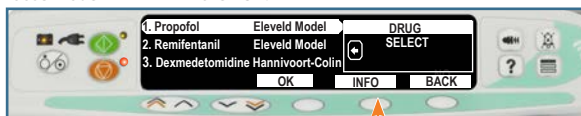


YES - To confirm profile NO - To change profile

2. Select TCI MODE.



3. Choose model   then OK.

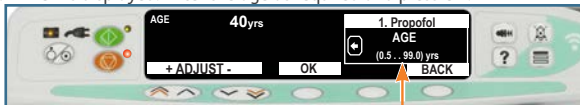


Displays additional information related to selected drug and model.

Patient Demographic Data Required for the Drug Model

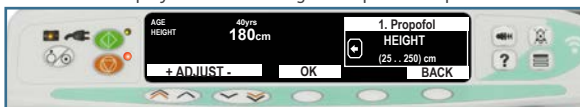
NOTE: Some of the parameters may not apply to all available drug models.

- a. AGE is displayed. Enter the age as required and press OK.



MIN. - MAX. LIMITS

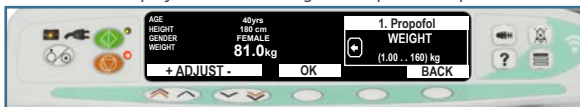
- b. HEIGHT is displayed. Enter the height if required and press OK.



- c. GENDER is displayed. Enter the gender if required and press OK.



- d. WEIGHT is displayed. Enter the weight as required and press OK.



4. OPIOIDS IN USE is displayed. Select YES or NO and press OK (Eleveld Propofol Model only).



- Review and confirm the data entered and press OK.

NOTE: Select **Modify** to change any of the parameters.



- Review the TCI Max Dose Rate (if required) and change if required and press **OK**.



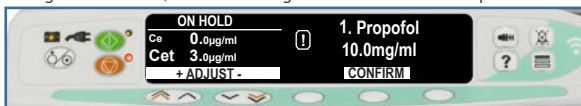
- If configuration allows (model dependant), select the appropriate Plasma or Effect Site targeting mode and press **OK**.



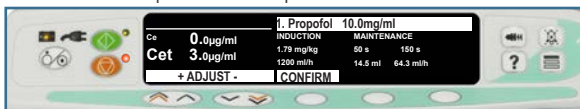
- Select the appropriate syringe brand and size, and press **CONFIRM**.



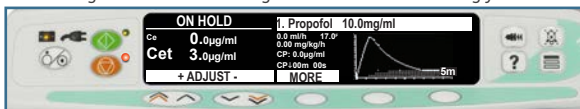
- If configuration allows, review the drug and concentration and press **CONFIRM**.



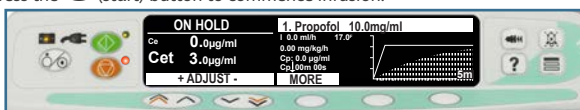
10. Review the induction parameters and press **CONFIRM**.



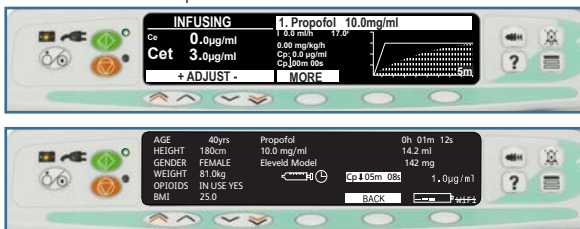
11. Review/change and confirm the target concentration accordingly.



12. Press the  (start) button to commence infusion.



13. Select **MORE** to view the patient and infusion information.



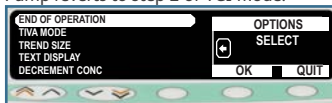
Changing a Syringe

Press . Ensure the patient line is clamped. Change syringe. Follow steps as appropriate on pages 3 to 7.

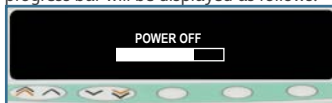
END OF OPERATION

Press to put the pump on hold. Press to access advanced features. Press then **OK** to select **END OF OPERATION**. Press **CONFIRM** to confirm End of Operation.

Pump reverts to step 2 of TCI Mode.



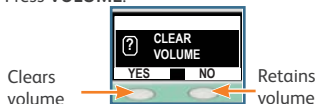
Alternatively, if configuration allows, press and hold the key for 3 seconds. The progress bar will be displayed as follows:



Clear VOLUME INFUSED (TIVA Mode only)



Press **VOLUME**.



Administer BOLUS (TIVA Mode only) Hands Free Bolus



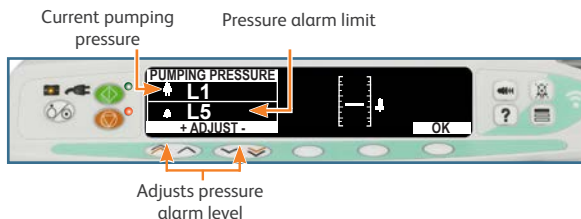
- Press button.
- Select **HANDS FREE** (If enabled).
- Adjust **BOLUS DOSE/BOLUS RATE** as required.
- Press **BOLUS** softkey.
- Volume/Dose of Bolus infused is displayed.
- To stop Bolus, press **STOP** softkey.

Administer BOLUS (TIVA Mode only) Hands On Bolus



- Press button.
- Select **HANDS ON** (If enabled).
- Adjust **BOLUS RATE** as required.
- Press and hold the **BOLUS** softkey.
- Volume of Bolus infused is displayed.
- To stop Bolus, release softkey.

Press button for pressure information:



Alarm / Condition	Action
DRIVE DISENGAGED The drive system has been disengaged during infusion.	• Check the plunger grippers and position of the syringe.
OCCCLUSION Excessive pressure measured at the syringe plunger.	• Check syringe. • Check extension set.
CHECK SYRINGE Incorrect syringe fitted, syringe clamp not positioned correctly or lifted during operation.	• Check syringe size and location and syringe clamp position.
"Error code and Message" Internal malfunction.	• Note code. • Remove from service. • Have pump inspected by qualified service personnel.
BATTERY EMPTY The internal battery is exhausted.	• Connect the Pump to the AC Power Supply.
COMMS. TIMEOUT While being controlled remotely, the Pump does not receive a message during the defined timeout period.	• Attempt to re-establish connection to resolve this alarm condition and restart the infusion.
UNACHIEVABLE RATE STOP The infusion rate specified is not achievable with the current setup.	• Cancel the alarm message and reprogram the infusion with an achievable rate.

Alarm / Condition	Action
BATTERY LOW Battery charge low (up to 30 minutes operation remaining).	• Connect to AC supply.
END OF INFUSION	• To power down, refer to 'End of operation' section.
TITRATION NOT CONFIRMED The infusion rate has been changed, but has not been confirmed and after five seconds of no activity the user will be notified by an auditory cue. The infusion has not been confirmed and two minutes has expired without any operation, a medium priority alarm will be generated.	• Press the  button to silence the alarm, then press the CANCEL softkey to clear this message. • Check infusion rate and confirm by pressing the  button or press the  button to revert to the previous rate. • Press the  button to start infusion.
AC POWER FAIL AC Power has been disconnected and the Pump is operating on battery power, if this occurs when the Pump is infusing the message INFUSION CONTINUES will be displayed.	• Reconnect AC Power Supply or press the  button to silence the alarm and continue with battery operation. • Press CANCEL to clear alarm. • The alarm will automatically cancel if the AC Power Supply is reconnected.
ATTENTION Nurse Attention alarm. Pump has been left on hold for more than 60 minutes without starting the operation.	• Press and hold  until "4 Beeps" are heard to delay for 60 minutes.
NEAR END OF INFUSION (NEOI) The Pump is nearing the end of the infusion. This value can be configured.	• Optional reminder signals may sound, they are auditory signals that have four beeps that occur every ten minutes once the NEOI alarm is cancelled. • This reminder signal will not occur for a continuous infusion in which the NEOI alarm is set for less than ten minutes.



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