

In-service checklist

SmartPump® dual channel tourniquet pump



The points below should be covered when carrying out a SmartPump dual channel tourniquet pump in-service for scrub personnel.

Tips: To ensure a good turnout, before your in-service, advertise the important details in common places (above scrub sinks, bulletin boards, etc.) and via email.

Beginning an in-service by addressing difficulties and listing them in front of your participants is a best practice among trainers. From there, the in-service

provider can walk through the steps necessary to resolve these difficulties and cover any other relevant product information. To establish further understanding of the product, it is recommended that the staff be asked to perform functions on the equipment without assistance. It may also be beneficial to partner the group up and ask for a return demonstration.

Pump setup and connecting a cuff

- Install pump onto rolling stand post, adjust height to appropriate level using adjustment knob, and connect power cord to a facility power source.
- Turn pump on pressing **On/Off** switch to initiate the pump self-test, hold the **On/Off** switch again for 1.5 seconds to power off. Leave pump plugged into power source for 6 hours to ensure battery is fully charged.
Note: The battery will hold a charge for up to 5 hours once fully charged.
- Once the pump is ready for use, turn the pump back on using the **On/Off** switch. Time, date, and target pressure values are adjustable when blinking. See IFU for detailed adjustment instructions
- Once time and pressure settings are set to the desired levels, connect a fill line to the pump.
- Apply the stockinet on the patient's limb and then position the cuff.
- Connect the cuff to the fill line connector.
- Inflate and deflate the cuff as required.

To inflate the cuff

- Verify the tourniquet pump is connected to the tourniquet cuff only. (Note: **always** monitor the cuff pressure and time throughout a procedure. **Never turn off** the pump while the cuff(s) are inflated. Failure to comply will cause cuffs to deflate and result in potential patient harm.)
- Press **inflate** button to inflate the selected cuff. Ensure the selected cuff inflates to the target pressure and the time value accumulates according to the elapsed time of cuff inflation. (Note: As a safety feature, the pump will hold cuff inflation without power.)

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- When the target elapsed cuff time is reached, perform one of the following options:
 - Option 1: Press the **Deflate** button to deflate the selected cuff.
 - Option 2: Press the **Alarm Mute** indicator/button to mute the audible alarm for 15 additional minutes. Note: The alarm indicator button will remain red and flash.
 - Option 3: Add more time as required. **Time Increase** or **Time Decrease** buttons will change the time value by 1 minute increments up to the 15 minute range each time the button is pressed.

To deflate the cuff

- Press the **Deflate** button for the selected cuff for 1.5 seconds. Ensure the pressure value and pressure gauge icon indicate a pressure decrease.
- Once the cuff is fully deflated, press the **Default Display** button to clear the procedures pressure and time values.

To print the (optional) procedure summary

- Make sure the optional report printer is connected to the pump. See the IFU provided with the report printer for additional details on connecting and operating the printer.
- Press the **Print** button on the pump.
- Apply the self-adhesive label to the patient record or chart according to current local guidelines.

Reference:

- 5920-011-700 Rev K SmartPump Tourniquet Dual Channel Pump IFU

This document is intended to be a supplement to the product IFU. For detailed instructions, please consult the IFU.