

Neptune® 2 Ultra

In-Service Instructions

Setup

- Plug Rover in and turn on (blue screen should appear)
- Insert and lock manifold (quarter turn clockwise) in 4 L and/or 20 L manifold port
- Attach suction lines to appropriate manifold port(s)

Manifold



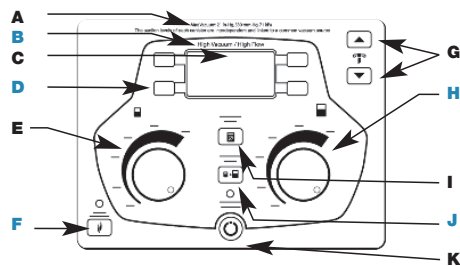
In Use

- **Activate suction by pushing Vacuum System**
- **Increase/Decrease suction as necessary**
 - 4L Vacuum Limit Setting Dial located on the left control panel
 - 20L Vacuum Limit Setting Dial located on the right control panel
 - Control Panel Display indicates level of suction each canister is pulling
- **Rover will beep 3 times when/if canister(s) approach full**
 - 4L Default alarm 3400 ml
 - 20L Default alarm 18000 ml
- **When/if canister(s) reach full capacity, Rover will beep continuously. Digital volume display flashes FULL.**
 - Neptune 2 vacuum will be disabled
 - NOTE- IF USING EXTERNAL PRESSURE SOURCE ie. EXTERNAL PUMP
Canister(s) will continue to fill until manifold is taken out
 - Remove manifold(s) from full canister(s)
 - Press top right Control Panel Display Button located beside the Control Panel Display to confirm (OK)
 - If available, use other canister by placing manifold with tubing in available manifold port
 - 4L canister can be emptied into 20L canister
 - Press Empty Tank Button
 - Press top right Control Panel Display Button located beside the Control Panel Display to confirm (OK)
 - Suction will be lost in the top canister for 20 - 25 seconds during tank empty
 - Volume display for 4L canister will indicate 0 ml
 - Suction will resume when complete
 - EMPTY TANK FUNCTION CAN BE DONE 3 TIMES BEFORE ROVER NEEDS TO BE DOCKED
 - Dock Rover

After Procedure

- **Record fluid volume as needed from Digital Volume Display Screen**
- **Unlock and pull manifold out with suction tubing still in tact**
- **Discard manifold in appropriate trash**
- **Press Volume Reset Button**
- **Press top right Control Panel Display Button located beside the Control Panel Display to confirm (OK)**
 - Previous procedure volume will be lost
- **If using 4L canister (to start next procedure with no fluid remaining in 4L canister)**
 - 4L canister can be dumped into 20L canister
 - Press Empty Tank Button
 - Press top right Control Panel Display Button located beside the Control Panel Display to confirm (OK)
 - EMPTY TANK FUNCTION CAN BE DONE 3 TIMES BEFORE ROVER NEEDS TO BE DOCKED
- **If both 4L canister or 20L canister is full**
 - Take Rover to Docking Station
 - Push Rover into Docker
 - Select docking cycle
 - After Docking cycle complete press OK to release (top right Control Panel Display Button)

- A** Max. Vacuum: 21 in-Hg, 530 mm-Hg, 71 kPa - See Specifications.
- B** High Vacuum / High Flow - Indicates this equipment is a high vacuum, high flow medical device.
- C** Control Panel Display - Provides vacuum level values for each canister, system status and error messages; also displays wash cycle options.
- D** Control Panel Display Push Buttons (four) - Press the appropriate button when the display provides push button label areas.
- E** 4-liter Vacuum Limit Setting Dial - Turn the dial to adjust the vacuum limit level (fluid suction) of the 4-liter canister. Graduations of 20% are provided as an adjustment guide. The vacuum level status will be indicated on the control panel display as a limit SET (S) value or real time ACTUAL (A) value. See Control Panel Display.
- F** Smoke Evacuator Button - Press the button once to access the manual mode of operation. Press the button a second time to access automatic smoke evacuation. Press the button a third time to stop smoke evacuation from the surgical site.
- G** IV Pole Height Adjust Buttons - Press the UP or DOWN arrow button to increase or decrease the height of the IV pole, respectively.



- H** 20-liter Vacuum Limit Setting Dial - Turn the dial to adjust the vacuum limit level (fluid suction) of the 20-liter canister. Graduations of 20% are provided as an adjustment guide. The vacuum level status will be indicated on the control panel display as a limit SET (S) value or real time ACTUAL (A) value. See Control Panel Display.
- I** Volume Reset Button - Press the button to reset the displayed fluid volume of both canisters to zero values.
- J** Empty Tank Button - Press the button to empty the contents of the small canister into the large canister.
- K** Vacuum System - Press the button to activate or deactivate the system's fluid suction capability.