



# FlowTrax FT-2 Flow, Volume Testing Instructions

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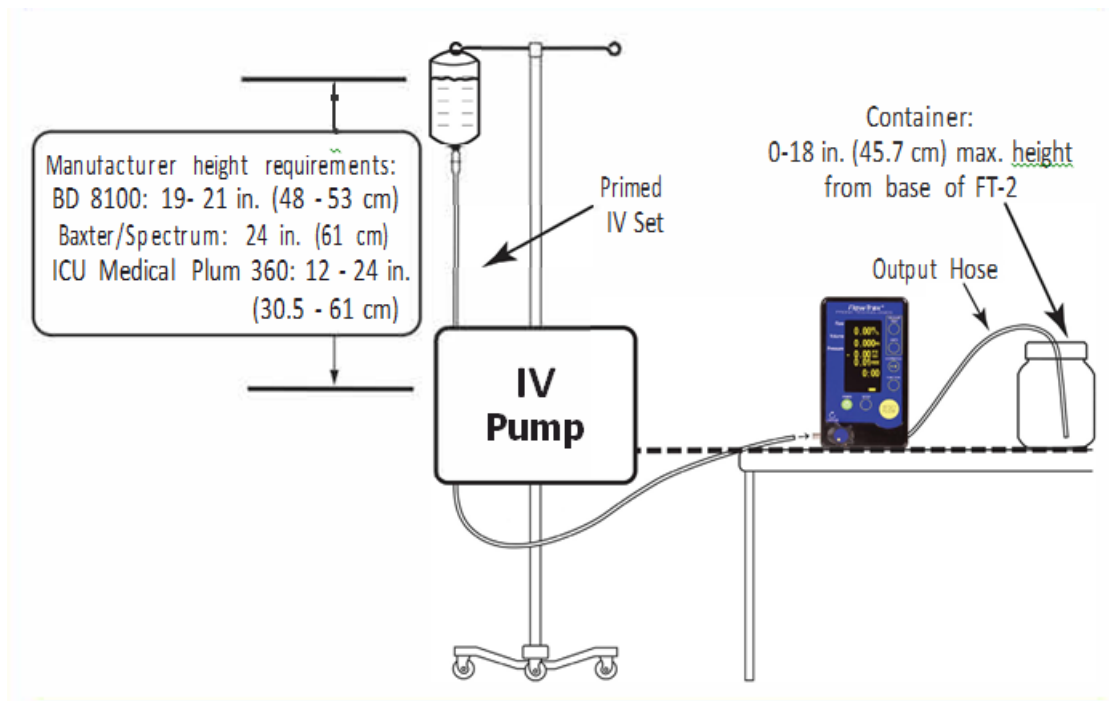
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## FlowTrax FT-2 Flow, Volume Testing



## IMPORTANT USE DISTILLED OR DEIONIZED WATER ONLY



8 A. Press FUNCTION then CLEAN GLASS soft key (Fig. 2). B. Gently pull black tab at top of Glass Tube (Fig. 2) to remove from unit. C. Using cleaning solution & brush provided, vigorously scrub inside entire length of each tube minimum 30 times.

D. Rinse Glass Tube using Flush Bottle filled with approved fluid. E. Dry outside of Glass Tube. Re-install into FT-2. Press EXIT soft key.



- Open Occlusion Knob counterclockwise. Press FUNCTION key, then press FLUSH soft key. Run IV pump at 900 ml/hr, 20 ml volume to flush FT-2.
- Re-program IV pump to 600 ml/hr, 50 ml volume. Start pump. Press EXIT soft key after 5 ml. FT-2 will generate air bubble, Prime Required message disappears and flow values displayed when complete. Stop IV pump.
- Press RESET FLOW key to clear prior results. Unit ready for testing.

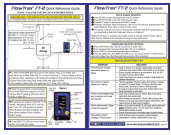
1. Press UNITS to select desired pressure units of measure.
2. Press RESET FLOW to zero the MAX pressure value.
3. Program IV pump to desired rate and start IV pump.
4. Electronic Occlusion: Press Function key, then 40 PSI Occlude key, peak pressure with graph displayed. Press EXIT to return to main screen.
5. For manual occlusion test: Turn occlusion knob clockwise until the IV pump alarms or occlusion knob is flush with front panel. (Do not overtighten.)

**Note:** Zero Pressure is normally only needed at start of each day with FlowTrax void of fluid. See Op. Manual section Occlusion Testing for more information.

## PRESSURE METER TESTING

1. Press FUNCTION, then CLEAN GLASS key to drain water.
2. Turn occlusion knob clockwise finger tight. (Do not overtighten).
3. Press UNITS to select desired pressure units of measure.
4. Press the ZERO key, then RESET FLOW key to zero MAX pressure. Connect device under test to Input Luer. Real time and Peak pressure will be measured.

TROUBLESHOOTING TIPS	
SYMPTOM	SOLUTION
"Prime Required" message intermittently appears on display	<ul style="list-style-type: none"> <li>• Verify IV set has no air pockets. Repeat Steps 3-5 of setup instructions (see reverse side) to clear excess air and re-prime.</li> <li>• Ensure collection container is at same level or up to 18" (45.7 cm) above FlowTrax. Never below.</li> <li>• Verify Glass Tube Door closed so sunlight or bright lights don't interfere with sensors.</li> </ul>
Can't remove or expel all bubbles from FlowTrax	<ul style="list-style-type: none"> <li>• FlowTrax generates "tracking" bubble when priming. If excess air enters FT-2, repeat Steps 3-5 of setup instructions (see reverse side). Do not try to remove "tracking" bubble.</li> <li>• If excess air is stuck inside Glass Tube, Perform Step 2 from Setup instructions to clean tube.</li> </ul>
Volume number stopped during test, or reading is much lower than expected	<ul style="list-style-type: none"> <li>• Glass Tube cleaning required. Perform Step 2 from setup instructions (see reverse side).</li> <li>• When running low rate tests (1-20ml/hr), after priming, place FlowTrax on its back (horizontal) for optimal performance. (No need to remove IV pole mount if installed.)</li> </ul>
Volume measurement is higher or lower than expected	<ul style="list-style-type: none"> <li>• Make sure to press the RESET FLOW (large yellow button) just <b>before</b> starting the pump. This will ensure prior results are cleared before starting next test.</li> <li>• Ensure Occlusion knob is completely open counterclockwise.</li> </ul>
Keep getting occlusion message on infusion device	<ul style="list-style-type: none"> <li>• Verify Occlusion knob is completely counterclockwise.</li> <li>• Clean/replace fluid filter located inside of Input Luer.</li> </ul>



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