

SIDEPAK™ SP730 Bypass Guide

To quickly determine the Bypass setting of the SIDEPAK SP730, use the following procedure.

Internal Bypass Procedure

1. Start up the SP730 pump and let it warm up for 2 minutes.
2. Select the MAIN MENU ▲ ▼ / FLOW Setpnt screen, then press ↵.
3. The display now shows the ADJUST FLOW, XXXX cc/min ▲ ▼ screen.
4. Set the ADJUST FLOW screen to 1500 cc/min using the ▲ ▼ arrow keys, then press ↵ two times to accept the new flow rate setpoint and to restart the pump.
5. Insert a flat-head screwdriver into the Bypass Flow valve (screw to the right of the belt clip). If needed, turn the Bypass valve so the screw is in a horizontal position.
6. Observe the alternating ADJUST FLOW, 1500 cc/min ▲ ▼ screen and the MEAS FLOW, XXXX cc/min ▲ ▼ screen.
 - The Bypass setting is in Position #1 if the MEAS FLOW, XXXX cc/min screen is indicating a flow rate near 1500 cc/min.
 - If the pump is running at high RPM and the “MEAS FLOW, XXXX cc/min” screen indicates less than 500 cc/min, the pump is in **Position #3** (bypass fully open). Turn the Bypass screw valve 180 degrees to Position #1. The pump RPM will slow down and the “MEAS FLOW, XXXX cc/min” will approach 1500 cc/min.
7. You have now determined what Bypass position you are in and can proceed from here to set the SP730 for any of the flow ranges that you would like:
 - Constant Flow Range
 - ✓ Position #1 200 – 3,000 cc/min
 - Integrated Bypass Ranges
 - ✓ Position #2 175 – 350 cc/min
 - ✓ Position #3 75 – 250 cc/min
 - ✓ Position #3 20 – 175 cc/min
(with fine control adjust)



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