

Objective: Provide information on what is new with the Ink Center

Prep Deltas

There is a procedure to test the prep deltas. If you turn on the vacuum pump and wait until the separator reaches max level (i.e. 15.5 in/hg) then open one of the prep Vacuum valves the separator pressure will drop. The amount the pressure drops is the delta. So if the Separator reads 15.5 and I open the vacuum valve for prep B and it drops to 10.5 then prep A has a delta of 5 in/Hg. A prep Delta of 3 or lower is indicating the ports on the prep station are clogged or the prep filter is getting clogged and needs to be replaced. If the prep delta is over 10 in/Hg then the vacuum pump may be getting weak and may need replacement.

J-Tag

The J-tag is a USB blaster used to update the firmware on the tester boards. If the J-Tag is not connected properly, RIS will not be able to update the firmware although the tester will still work.

There are 3 connections on the back of the tester.

- Red Cat 5 Cable
- Power cable
- Flat ribbon cable

The flat ribbon cable can be installed incorrectly. Most of the flat ribbon cables have printing on them to indicate which side goes up. New ones out of the box will not have this "UP" printing. To know the correct orientation you can refer to the original cable or if standing at the front of the machine, the red stripe on the cable goes to the left. Orientation is one issue; the other issue with this connector is it may not get plugged into all the pins. It is possible to install the connector too high, low, left or right. It must be centered for proper operation.

