

3.2.7. Inspect and Clean IDS Ink Trap

Estimated Frequency	Estimated Time	Press Down	Suggested Personnel
Weekly	5 minutes to inspect, 10 minutes to clean	YES	1 person
Objective			
Check the IDS Ink trap for liquid, and empty if needed. Air leaks or blockages in the vacuum system prohibit the ink from being properly degassed. Poorly degassed ink causes air accumulation in the pen reservoir eventually causing pen failure. Properly degassed ink is essential to pen longevity.			
Personal Protective Equipment (PPEs)		Tools/Materials	
<ul style="list-style-type: none">GlovesSafety glasses		<input type="checkbox"/> Flashlight or light source	

Procedure

1. Open the hinged deck cover to access the IDS filters and pumps.
2. Using a flash light, look under and between the ink filters to see the Ink Trap. If the trap contains less than 10 mm of fluid it does not need to be emptied.

If there is more than 10 mm of liquid in the trap, the trap needs to be emptied. See [Figure 14](#). Proceed to step 3, below.

NOTE: If the trap needs to be emptied every week report this to Engineering Support Personnel immediately.

One of the degassing units may be failing and need replacement.

3. Turn OFF the IDS system.
4. E-Stop the press.
5. Pull the IDS frame out from under the deck far enough to to be able to reach in and remove the trap. See [Figure 15](#).
6. Unscrew the bottom of the trap.
7. Empty the trap and ensure the black O-ring gasket is clean and positioned properly in the top of the trap. The black gasket is an essential part of the vacuum system, see [Figure 16](#).
8. Screw the bottom of the trap in place and hand-tighten.
9. Push the IDS frame back under the deck ensuring that the ink lines and wires are not pinched.
10. Close the hinged deck cover over the IDS filter frame structure.
11. Clear the E-Stop.



Figure 14. This trap needs to be emptied

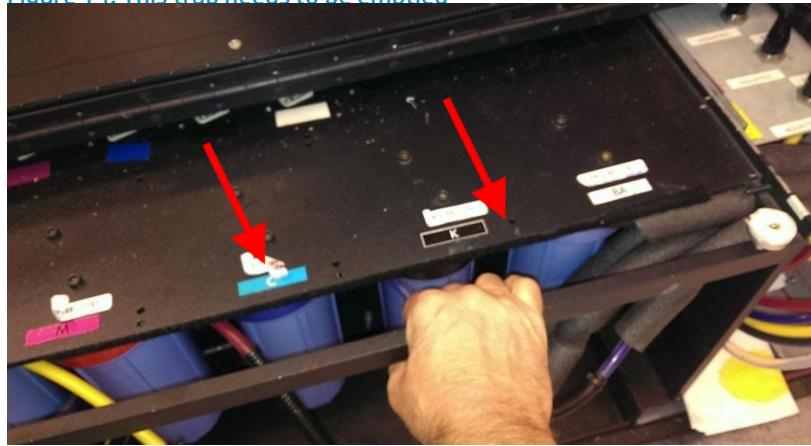


Figure 15. Pulling the IDS filter frame out from under the deck.



Figure 16. O-Ring