Kodak

Thermal 1 and Thermal 2 Exposure Heads
Draining the Coolant from a Thermal 1 or 2 Head

Revision History

Revision	Date	Author	Comments
A-A	05 Feb 2004	Alvaro Ireta	Initial release
B-A	04 Dec 2007	Jeff Edgar	Adapted to include Thermal 1. Updated template.

DRAINING THE COOLANT FROM A THERMAL 1 OR 2 EXPOSURE HEAD

Required Materials

- Kit 50-2465A. *This kit is reusable*.
- Sealable container for the waste coolant. The container must *not* be galvanized steel, and must comply with local hazardous materials disposal requirements.



Kit 50-2465A

Why drain the coolant?

A thermal head contains approximately 45 to 85ml of coolant (less than half a cup). The coolant may freeze during transport, pressure may build during storage, or corrosion may occur during storage. Any of these situations cause internal leaks and cracks in the head cooling system.

When to drain the coolant:

TH1

- When you are changing the coolant type

TH2

- When storing the head after it has been used in an output device
- Any time the head needs to be shipped

Procedure

CAUTION:

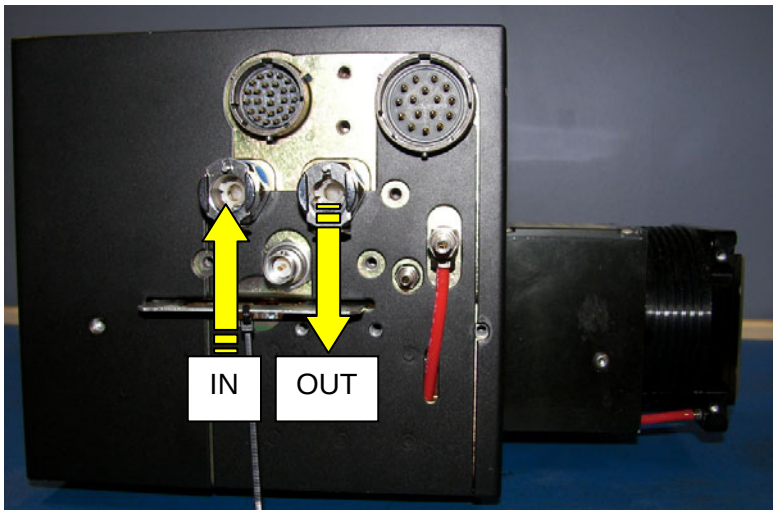
Ensure that the head has been safely removed from the device and is on a clean and well-ventilated work surface.

Wear appropriate protective clothing, such as gloves, goggles, and so on.

Avoid getting coolant on your eyes, skin, or clothing. Avoid breathing vapor. Handle in an area with adequate ventilation.

Wash hands thoroughly after handling.

For full safety information, see the MSDS for the coolant.



The ingoing and outgoing connectors

Note: The outgoing and ingoing connectors are the same for both TH1 and TH2.



1. Attach the tubing to the outgoing coolant connector and insert the open end of the tube into the waste container.



2. Attach the tube with the pump to the other coolant connector.
3. Squeeze the pump. Coolant begins draining out of the head.
4. Squeeze the pump until the coolant is completely drained. Expect approximately 45 - 85ml of coolant (less than half a cup).
5. Seal the waste container once all the coolant has drained out.
6. Dispose of the coolant in accordance with local hazardous materials disposal requirements.
7. Rinse the tubing and pump and store for later use.