

Application Bulletin

Preparing the 5000TOC Sensor for Shipment

The Thornton 5000TOC sensor contains an internal quartz tube and ultraviolet lamp. Although the sensor was designed with components that protect these parts, extreme care must be taken when transporting the sensor to prevent damage or fracture of these sensitive components. Additionally, the 5000TOC sensor should be fully drained prior to shipment to prevent water from freezing and damaging the quartz tube.

Follow these simple steps to fully drain the 5000TOC sensor:

1. Remove all tubing from the sensor.
2. Take the plastic syringe (part no. 86039) that was shipped with the 5000TOC sensor and remove the protective cap from the tip.
3. Pull back the plunger on the syringe to fill it completely with air.
4. Place the tip of the syringe into the inlet (pressure regulator) of the sensor.
5. Slowly squeeze the syringe – water should appear on the outlet of the sensor.
6. Repeat several times until all the water is drained.
7. Cover the inlet and outlet ports with protective caps or Teflon tape.
8. Ship in original shipping box.

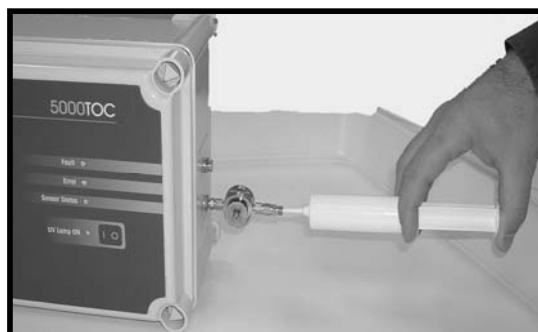


Figure 1

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