

Installation Reference - Membrane Electrode

Topic: Flow Indicators T1 and T2

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work.

Required Materials

- Teflon Pipe Thread Tape

Required Tools

- 17 mm (11/16") Open End Wrench

UFSc Flow Indicators are designed to indicate and regulate flow to the TECTRON™ Membrane Electrode (ME) Cell. In some instances the Flow Indicator will become damaged, broken or covered with paint and it may be necessary to replace one or more parts.

Instructions

Replace P/N 360003

1. Hold assembly P/N 225010 (Flow Indicator) such that the old P/N 360003 is pointing up and unscrew.
NOTE: Take care not to loose P/N 541001/541002.
2. If the new P/N 360003 does not have Teflon tape on the threads, then place tape on both ends. Turn the handle on P/N 360003 so that it will close.
3. Thread P/N 360003 (end pointing in same direction as the valve handle) into Flow Indicator body. Hand—Tighten ONLY. Do not use any tools to tighten.

Replace P/N 541001/541002

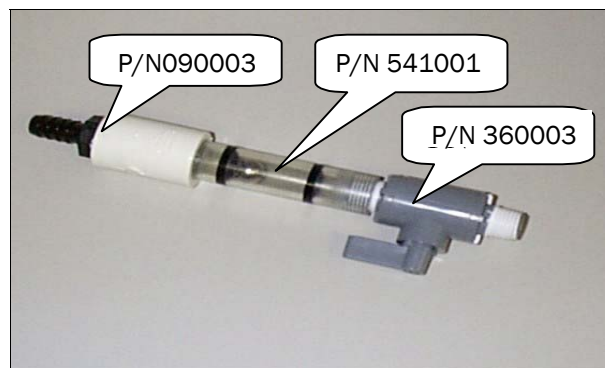
1. Follow Step #1 from above.
2. Remove the old P/N 541001/541002 and place the new part into the Flow Indicator body.
3. Follow Step #3 from above.

Replace P/N 090003/090008

1. Use the wrench to unscrew the old P/N 090003/090008.
2. If the new P/N 090003/090008 does not have Teflon tape, then place tape on the part.
3. Use the wrench to thread in the new P/N 090003/090008.

Installation

1. Thread the repaired valve on to the electrolyte supply manifold and confirm that the valve handle operates normally.
2. Turn on the electrolyte pump and look for leaks in the assembly.



For more information see the original manual that came with the equipment or call UFSc (219) 464-2027 ext. 24.

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Topic: Flow Indicator 225010/225042
(P/N 993109)

Think and act in a safe manner. Always disconnect power and use a lockout before you work on the E-coat system, or any of the related subsystems. Observe any confined space conditions. Use the appropriate safety equipment and clothing for the task.

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