

Thermo Scientific Orion Online Chloride Electrode Polishing Procedure

Polishing Procedure

1. Take one piece of polishing paper and place the rough side up on a clean, smooth surface.
2. Polish the base of electrode using a back and forth motion a few times, and then wipe the electrode clean with a dry, lint-free tissue. Be careful not to touch the membrane surface with your fingers.
3. Check the visual condition of the membrane. The surface should be uniformly grey with no pitting. The polishing lines should be in one direction.
4. If the electrode will not to be used immediately, store the electrode dry, not in distilled water.

Electrode polishing should be performed only when:

- A new electrode is installed.
- Chloride readings are drifting.
- The electrode has been installed for more than a day with no sample flow during a unit shutdown.

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