

Technical Reference Section: Conductivity/Resistivity

Maintenance Tips

Conductivity electrodes are not inherently perishable as pH and ORP electrodes. This means system calibrations and electrode replacements are typically not required as frequently. However, depending upon the application, conductivity electrodes may require periodic cleaning to remove coatings, algae growth, scale build-up, etc. Use isopropyl alcohol for removing mild grease and oils, and/or other cleansing agents as necessary. Always consider the electrode's materials of construction when selecting a cleanser.

The shelf-life of +GF+ SIGNET conductivity electrodes is limitless. However, oxidation can cause cell constants to drift over time. If there is any doubt about an electrode's condition, then clean it thoroughly before placing it into service.

When installing new electrodes, it is recommended to "soak" the electrode into the process solution for several days before the first use. This will condition the surfaces of the electrode.