POOLS R US
Leave Your Water In Our Hands

pH ORP PROBE CLEANING PROCEDURE

pH and ORP Probe Cleaning Procedure

Safety and Preparation

- Turnoff the chemical controller, pH feed pump, and sanitizer feed.
- If probes are in a flow cell, close the isolation valves. If probes are installed in-line and cannot be
- isolated, shut down the circulation pump before removing them.
- Put on appropriate PPE including safety glasses and chemical-resistant gloves.
  Prepare small containers with clean water and approved probe-cleaning solutions.

Removing the Probes

- Confirm all relevant pumps and feeders are off and the system is isolated.
- Unscrew each probe by hand. Do not use tools on the probe body.
- Disconnect the probe cable carefully without pulling on the cable jacket.
- Immediately place the sensing end into clean water to prevent drying.

Routine Cleaning (Light Film and Coating)

- Rinse the sensing tipwith cleanwater.
- Prepare a mild detergent solution or approved probe cleaner.
- Gently move the probe tip in solution to loosen buildup.
- Lightly scrub with a soft toothbrush or cotton swab.
- Rinse thoroughly with clean water.

Heavier Deposits (Scale, Oils, Biofilm)

- For calcium scale, soak in approved weak acid solution briefly and rinse well.
- For oils or grease, clean with mild detergent and soft brush then rinse.
- For stubborn ORP metal film, wipe gently with cotton swab and 70% isopropyl alcohol then rinse.
- Do not scrape glass or metal surfaces with sharp objects or abrasive pads.

Inspection and Reinstallation

- Inspect probesfor cracks, scratches,clouding, or damage. Replace if necessary.
- Give a final rinse with clean water. Apply fresh Teflon tape if
- required. Reinstall probes by hand, tightening only enough to
- prevent leaks. Reconnect probe cables ensuring connectors are
- dry.

Startup, Calibration, and Verification

- Re-open valves and restart circulation if shut down.

- Turn controller and chemical feeds back on.
- Calibrate the pH probe using fresh buffer solutions and verify ORP.
- Manually test water and confirm controller readings are accurate.