

Flow-Through Probe Usage & Maintenance

DiCromat II and IIA Salt Analyzer

Installing the Probe

To attach new probe, line up rounded plastic tab on probe plug with cutout notch on the back of probe receptacle on the back of instrument. **Gently** push plug into back of machine. If there is resistance, do not try to force the connection, which can bend the pins. Realign and try again. When connection is complete, tighten plastic nut.

If your are replacing a probe, please refer to the replacement document as the instrument will need to be calibrated with the new probe.

Usage & Maintenance
<ul style="list-style-type: none">● Establish a maintenance schedule for cleaning and performance verification.<ul style="list-style-type: none">○ Cleaning: Low readings almost always indicate a dirty probe. For oily products, use a bottle brush and an abrasive cleanser (Ajax or Comet) applied directly to the brush. Insert and remove 10-15 times. Rinse well with distilled water. Dry bowl and probe bore with a paper towel.○ Verification: Verify probe performance weekly using a 0.2% NaCl standard solution.¹
<ul style="list-style-type: none">● Pour a small amount of the NaCl standard through the bore of the probe to condition the probe, this will remove any residual distilled water from the clean step or other surface contaminants. Place a finger over the bottom of the bore to block flow. Take the readings when the liquid is stationary in the bore.
<ul style="list-style-type: none">● Take the reading between 5-10 seconds, or once the display begins to stabilize. The value should read between 0.196% to 0.204% on the Probe verification setpoint which is normally on the last setpoint of the instrument.
<ul style="list-style-type: none">● Do not let the metal strainer sit on top of the probe. This will cause interference due to the galvanic properties of the metal mesh of the strainer. Strain the sample into a separate beaker to avoid this issue.
<ul style="list-style-type: none">● Additional questions/troubleshooting? Contact us at 440.338.5740 or info@noramar.com.

¹ More detailed instructions available.