

Dip In Probe Usage & Maintenance - DiCromat II and IIA Salt Analyzer

Important Points
<ul style="list-style-type: none"> ● Verification: Verify probe performance every 1-3 months using a 0.2% w/v NaCl standard solution.¹
<ul style="list-style-type: none"> ● Cleaning: No cleaning is required. Simply rinse with distilled water immediately following product testing.
<ul style="list-style-type: none"> ● Care: Avoid dropping or setting down roughly on a hard surface. For maximum performance and service life, we recommend purchasing a stand.
<ul style="list-style-type: none"> ● Shipping: When returning for calibration or service, pack well in multiple layers of foam or bubble wrap.
<ul style="list-style-type: none"> ● Usage: Use a 250 ml Nalgene beaker with at least 170 ml of prepared sample. Do not allow the probe to rest on the sides/bottom of the beaker. For the dip in probe, always take the highest reading.
<ul style="list-style-type: none"> ● Additional questions/troubleshooting? Contact us at 440.338.5740 or info@noramar.com.

Additional Information

I. CARE

THE DIP IN PROBE SHOULD BE HANDLED WITH REASONABLE CARE. AVOID DROPPING THE PROBE ON A HARD SURFACE. For maximum service life, we recommend purchasing a stand (also available from Noramar). If not using a stand, we recommend placing bubble wrap or soft padding on the workbench, so that in the event it is dropped, it will not break.

When shipping the probe back for annual calibrations and/or service, please pack the probe well in bubble wrap or foam and make sure that it fits tightly in the box. We are not responsible for probes that are damaged in shipment because of improper packaging.

II. USAGE

- We recommend using a 250 ml Nalgene beaker.
- Sample volume needs to reach at least 170 ml

¹ More detailed instructions available.

- Lower the probe into the beaker (or immerse it if using hand held option), making sure to avoid resting it on the sides or bottom of the beaker.
- It is recommended that the Dip In Probe be positioned at least ½ in from the bottom of the beaker to obtain the highest reading during sample testing.

- Take the reading between 5-10 seconds.
- For the dip in probe, take the highest reading. If the reading fluctuates significantly, run the unit in HELD mode. See User's Manual.

III. SET AND FORGET

If your operator wants to “set and forget” to leave the machine while the product runs, we recommend using the Dip In Probe with Stand on HELD Mode. The operator can simply lower the probe arm into the beaker and come back in 23 seconds, once the machine has locked on a value. Please note that for low salt content products (less than 0.80% NaCl), the dilution might need to be decreased (i.e. to a dilution of 5, instead of 10). HELD mode will not activate when using very dilute samples. Noramar can assist with resetting the calibration. Please contact us.

IV. Troubleshooting

Probes that are frequently mishandled are subject to the following concerns:

- Readings that drift over time, which makes it necessary to recalibrate the probe.
- Damaging/breaking the plastic housing on the probe body, which could result in altered readings
- Erratic readings

Note: The Dip In Probe contains wire wound coils that are housed within the plastic mold. If it is repeatedly dropped (or improperly packed for shipping), these coils can unwind and result in drift or erratic readings. For drift, we can often recalibrate the probe by increasing or decreasing the Cell Factor. For erratic readings, the probe will need to be replaced. To avoid these problems, handle with care or use a stand.