**SETUP**
Unlock and pull tray forward.

**MAINTENANCE**
Unlock and pull tray forward.

Quick Reference Guide

**Operator Manual**
SmartLyte Plus
Electrolyte Analyzer

**Service Manual**
SmartLyte Plus
Electrolyte Analyzer

manual.smartlyteplus.com
Setup, Installation, Preparation, Calibration, Components, Language Selection, Shutdown

manual.smartlyteplus.com
Maintenance & Troubleshooting, Mechanical Assemblies, Adjustments, Software Operation

video.smartlyteplus.com
Online Training, Maintenance & Troubleshooting, Setup and Quick Reference Videos
Measurement

1. **ENSURE INSTRUMENT IS CALIBRATED**
2. **PRESS SAMPLE TYPE**
3. **OPEN SAMPLE DOOR**
4. **LOAD SAMPLE FROM TUBE/SYRINGE/CUP**
5. **WIPE PROBE CLOSE SAMPLE DOOR**
6. **ENTER PATIENT ID (OPTIONAL)**
7. **WAIT FOR PROMPT “LOAD SAMPLE”**

Maintenance

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Tasks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Daily</strong></td>
<td>• Perform cleaning cycle at end of the day</td>
</tr>
<tr>
<td></td>
<td>• Perform conditioning cycle at end of the day</td>
</tr>
<tr>
<td></td>
<td>• Check printer paper supply</td>
</tr>
<tr>
<td><strong>Weekly</strong></td>
<td>• Clean sample probe and fill port</td>
</tr>
<tr>
<td></td>
<td>• Clean exterior analyzer surfaces</td>
</tr>
<tr>
<td><strong>Monthly</strong></td>
<td>• Clean the reference electrode housing (see Ch. 5 of Op. Man.)</td>
</tr>
<tr>
<td><strong>Semi-annually</strong></td>
<td>• Replace peristaltic pump tubing</td>
</tr>
<tr>
<td><strong>Annually</strong></td>
<td>• Replace main tubing harness, fill port assembly, sample probe &amp; sample sensor Quad-ring</td>
</tr>
</tbody>
</table>

Troubleshooting

- Open front cover and check if all electrodes and the right side sample sensor have O-rings
- Make sure maintenance has been performed in accordance with the maintenance schedule
- Check the FLUID PACK level by going to menu [PACK STATUS]
- Check for clots and crystals that may be forming in the tubing or in the measuring chamber
- Pull pump windings from pump roller and check for kinked tubing and tears in the tubing
- Start a calibration pressing [CALIBRATION]