

pHoenix XL Cleaning and Storage Quick Reference

EXTERNAL CLEANING

When cleaning meters that are in use, we recommend that you follow these steps daily:

1. Use a damp cloth to wipe the exterior with a mild soap solution, or if disinfection is required, the bleach solution described in the disinfection section. Do not submerge or soak the meter.
2. Clean the sample collection cup and sample tube after use with soapy water. Rinse thoroughly with dialysis quality water and dry with a soft cloth.

INTERNAL DISINFECTION

If disinfection is required (meters not in storage), we recommend that you follow these steps daily before the first use of the meter:

1. Draw 1% bleach solution (one part bleach to ninety-nine parts dialysis quality water) mixed fresh daily, into the meter to the 10 mL line. Seal the Measurement Module with a Non-Drying Luer Cap.
2. Let the solution sit in the meter for approximately ten minutes. After the dwell time expel the bleach solution.
3. Rinse thoroughly by rapidly flushing at least three times with dialysis quality water.
4. Verify the values of the meter at 7.0 pH and 14.0 conductivity. Verify other values if you are measuring extended ranges.

INTERNAL CELL CLEANING

Mesa Laboratories NEO-CARE Cell Cleaning Solution is ideal for the pHoenix XL meter. To clean meters which are being used, follow these easy steps:

1. Flush the meter with three rapid 3 to 5 mL flushes of NEO-CARE Cell Cleaning Solution.
2. Draw NEO-CARE into the meter to the 10 mL line. Seal the Measurement Module with a Non-Drying Luer Cap.
3. Let the NEO-CARE sit in the meter for approximately 10 minutes. After the dwell time expel the NEO-CARE.
4. Rinse thoroughly by rapidly flushing several times with dialysis quality water.

METER STORAGE

For storing meters overnight or long-term, follow these steps:

1. Flush the meter with three rapid 3 to 5 mL flushes of NEO-CARE Cell Cleaning Solution.
2. Disconnect the meter from the solution. Purge remaining fluid by rapidly pumping the syringe several times into a waste receptacle.
3. Seal the Measurement Module with a Non-Drying Luer Cap.
4. The Measurement Module is to be damp only during storage, never full of fluid. Always seal the Measurement Module to prevent residual NEO-CARE in the cell and syringe from drying out.
5. The Measurement Module can be stored in this condition up to six months at room temperature or two months at extreme temperatures.

