

## Daily Care and Verification Instructions for Syringe-style Meters

Perform the following steps:

### 1 - RINSE

Thoroughly rinse out the measurement cell and the syringe 2-3 times with fresh RO water to ensure that all residual NEO-CARE™ solution has been removed.

### 2 - DISINFECT

Draw bleach solution through the measurement cell by drawing the syringe to 10 ml. Allow the bleach solution to remain in the measurement cell and syringe for 10 minutes.

#### RECOMMENDED DISINFECTANT SOLUTION

1% bleach solution comprised of 1 part household bleach and 99 parts RO water. Fresh solution must be prepared daily.

**CAUTION** Any longer can corrode internal parts

### 3 - RINSE

Expel the bleach solution into an appropriate receptacle. Thoroughly rinse 2-3 times with RO water to ensure that all residual bleach solution has been removed.

**CAUTION** Before proceeding, ensure that the interior of the measurement cell and syringe are free of residual disinfectant, dialysate or chemicals. If present, these substances may alter your readings!

### 4 - VERIFY

Connect the distal port to the first standard solution bottle. Slowly draw 10 ml of solution through the measurement cell and then expel. Observe the reading as the solution flows through the measurement cell while drawing back the syringe.

The stabilized reading on the display should match the value of the solution. If the reading is outside the manufacturer's specifications, calibration is needed. Refer to the instrument manual for calibration instructions.

### 5 - RINSE

Rinse after each test and/or at the end of each shift. **DO NOT** allow dialysate, standard solution, bleach or RO water to remain in the cell overnight!

NEO-CARE™ Cell Cleaning Solution is the ideal cleaning and storage solution for the syringe-style meters.

Rinse the meter thoroughly by rapidly drawing back the syringe and expelling NEO-CARE™ 3 times. After the third time, expel any remaining NEO-CARE™ from the meter, draw the syringe back halfway pulling air through the measurement cell and then cap the sample port.

### STATION MAINTENANCE

#### DAILY

Rinse and refill the water bottle with fresh RO water. Rinse and refill the bleach bottle with fresh bleach solution.

#### AS NEEDED

##### Replace your standard solutions:

Conductivity solutions - 30 days after opening.

pH solutions - 90 days after opening.

NEO-CARE™ - No expiration date.

Any solutions - if the bottle expiration date is past, or if color, turbidity or visible microbial growth develops.

Wash the bleach and water bottles, caps, check valves, tubing and station exterior with diluted NEO-CARE™ (follow instructions on the bottle) or diluted bleach solution.\* **DO NOT** use alcohol or solvent-based cleaners. Rinse thoroughly and allow to dry.

\*If disinfection is necessary, use 1% bleach solution comprised of 1 part household bleach and 99 parts RO water only.

Questions? Call Mesa Labs Customer Support

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Outside the United States, contact your local distributor.



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