Instructions

ORP Calibration Kit
Part # ORPCALKIT

Contents:

- ORP802OZ
  - 80 mV ORP Standard Solution:
    • Quinhydrone
    • pH 7 Buffer

- ORP2602OZ
  - 260 mV ORP Standard Solution:
    • Quinhydrone
    • pH 4 Buffer

- ORP4701OZ
  - 470 mV ORP Standard Solution:
    • MLC Light’s Solution

- OECP
  - ORP Electrode Cleaning Paper

Caution: this kit contains hazardous chemicals.
Handle in accordance with good industrial hygiene and safety practices.
MSDSs are available at: www.myronl.com
These chemicals should be stored in a cool dark environment prior to use and disposed of in accordance with applicable federal, state, and local laws after used. DO NOT REUSE.

ORP802OZ or ORP2602OZ Standard Solution: Requires preparation prior to use.
NOTE: During shipping this kit may have been overturned. Prior to removing the cap, carefully tap the blue bottle to release any quinhydrone granules that may have stuck to the inside of the cap.
NOTE: After mixing, the ORP80 or ORP260 Standard Solution MUST be used within 1 hour.

To mix the ORP80 or ORP260 standard solution:
1. Remove the 2 oz. bottle of pH 7 buffer (for ORP80) or pH 4 buffer (for ORP260) from the plastic bag and remove the cap.
2. Remove the cap from the blue bottle.
3. Pour 2 oz. of pH buffer (pH 7 for ORP80 or pH 4 for ORP260) into the corresponding blue bottle containing quinhydrone granules.
4. Close the cap securely.
5. Shake vigorously for 1 to 2 minutes. (NOTE: Some of the quinhydrone granules may not fully dissolve. This is normal.)
6. The ORP80 or ORP260 Standard Solution is now ready for calibrating/validating your PT3 ORP pen or validating your Ultrameter II/III or POOLPRO.

ORP4701OZ MLC Light’s ORP Standard Solution: Is shipped ready to use; however, some settling may have occurred during shipping. Verify the cap is securely closed, then gently shake prior to use.

(See Reverse Side for Multi Pack Instructions)
ORP Standard Solutions - Multi Packs and Quarts
Part #s ORP80MP/ORP260MP

**ORP80MP**
- 80 mV ORP Standard Solution:
  - Quinhydrone, 16 packets
  - pH 7 Buffer, 1 quart
- Blue Mixing Bottle
- ORP Electrode Cleaning Paper

**ORP260MP**
- 260 mV ORP Standard Solution:
  - Quinhydrone, 16 packets
  - pH 4 Buffer, 1 quart
- Blue Mixing Bottle
- ORP Electrode Cleaning Paper

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**ORP80MP or ORP260MP Standard Solution**: Contains enough for 16 calibrations. Requires preparation prior to each use. NOTE: After mixing, the ORP80 or ORP260 Standard Solution MUST be used within 1 hour.

To mix 2 oz. of 80 mV or 260 mV standard solution:
1. Remove the cap from the blue bottle.
2. Pour contents of 1 quinhydrone packet into the blue bottle.
3. Pour pH buffer (pH 7 for 80 mV or pH 4 for 260 mV) into the blue bottle up to the fill line.
4. Close the cap securely.
5. Shake vigorously for 1 to 2 minutes. (NOTE: Some of the quinhydrone granules may not fully dissolve. This is normal.)
6. The ORP80 or ORP260 Standard Solution is now ready for calibrating/validating your PT3 ORP pen or to validate your Ultrameter II/III or POOLPRO.
7. After use, dispose of used solution properly and clean the blue mixing bottle for future use.

### Temperature Compensation Table: ORP Standard Solutions

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Built On Trust: Founded in 1957, the Myron L Company is one of the world's leading manufacturers of water quality instruments. Because of our commitment to product improvement, changes in design and specifications are possible. You have our assurance any changes will be guided by our product philosophy: accuracy, reliability, and simplicity.