

ROAM Best Practices

A quick guide to getting the best results with your ROAM

Getting the best results with your ROAM

Your ROAM is a highly sensitive piece of analytical equipment and should be treated with care. To get the most accurate, consistent data, we recommend reviewing this quick guide before testing.

Inside, you'll find best practices for:

- Running Tests
- Maintaining your ROAM
- Traveling with your device

Careful handling and proper preparation can make a big difference in preventing test failures, reducing retesting, and ensuring reliable results.

Happy Testing!



Running Tests

If this is a standalone cartridge, please **remove the orange plug** from the front of the cartridge, **as well as the red tape** from the sample vial tray.

- Rinse the blue sample vial and cap 3 times with your sample before running a test.
- Avoid touching the blue vial ports or inside of the blue cap directly.
- Dry any excess water in the sample vial tray before running a new sample.
- Leave your ROAM on a **flat and level surface** during tests and calibrations.
- Fully fill the blue sample vial with your sample and empty your waste vial before testing.

Remove the orange plug from the cartridge

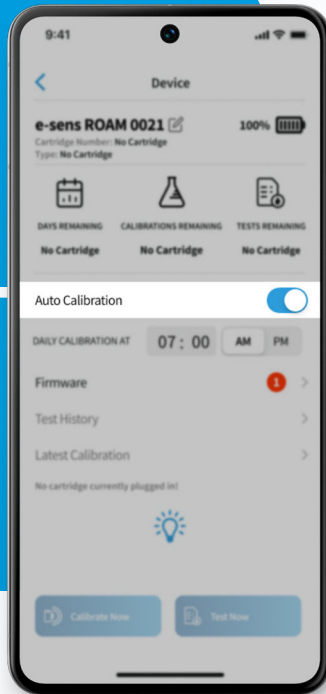


ROAM Maintenance

The best way to maintain consistent and accurate results with the ROAM is to **turn on the Auto-Calibration feature**, which allows you to schedule your ROAM to calibrate daily. Using Auto-Calibrations is **highly recommended** as it ensures the sensors are being conditioned properly while not in use.

Charge your ROAM every night and leave your cartridge plugged in to ensure it will Auto-Calibrate at your scheduled time.

For best Chlorine results, fill and cap the sample vial with a 1% bleach solution and soak for 5 minutes. Rinse thoroughly with sample or DI water if available before use.



- Empty both vials after each use.
- Ensure the cartridge electronics connector is dry before inserting it into your ROAM, and ensure both are securely connected before testing.
- Do not expose your ROAM to water for prolonged periods of time.
- Store cartridges in the refrigerator (not the freezer) when not in use.

Traveling with your ROAM

The ROAM can run tests in your vehicle so long as the device is **flat and stable** to ensure the ROAM is able to consistently pump your sample from the sample vial to the sensors.



DO NOT Leave the ROAM in below-freezing temperatures or in a hot car for extended periods of time.



When flying, take the ROAM in your carry-on, and leave the cartridge plugged into the ROAM. If you have more than one cartridge, seal the others with their orange plugs.

Need Some Help?



Scan the QR code or visit our **Troubleshooting Guide** at www.e-sens.com/support/troubleshooting/



Contact Us
801-839-1073
info@e-sens.com



Find Us
www.e-sens.com
630 Komas Drive
Salt Lake City, UT 84108