

OZONE SAM TEST KIT *SELF-ZEROING INDIGO METHOD*

Features

- Unique Self-zeroing Feature Eliminates Need for Reagent Blank
- Meets FDA Requirements for Measuring Ozone Levels of Bottled Water Between 0-0.75 ppm
- Faster and Simpler with Only One Ampoule Used Per Test
- Provides Accurate and Repeatable Test Results
- No Mixing and No Measuring Means No Mess
- Saves Up to 62% Over Competitor

Included in Kit

- SAM Photometer
- Vacu-vials® Refill Kit – Performs 30 Tests
- 4 AAA Batteries
- Complete Instructions
- Plastic Case
- Light Shield

**Simple • Proven
Ozone Technology**

Ozone Testing for Bottled Water

You have high standards to meet. The new CHEMetrics® Ozone SAM (Single-Analyte Photometer) Test Kit will surpass them. The new kit distributed by Pacific Ozone features an innovative self-zeroing technology in conjunction with the broadly accepted indigo method but only one ampoule is required per test. That gives you greater speed, efficiency and savings. The kit concentration range matches FDA testing requirements for bottled water: 0-0.75 ppm.



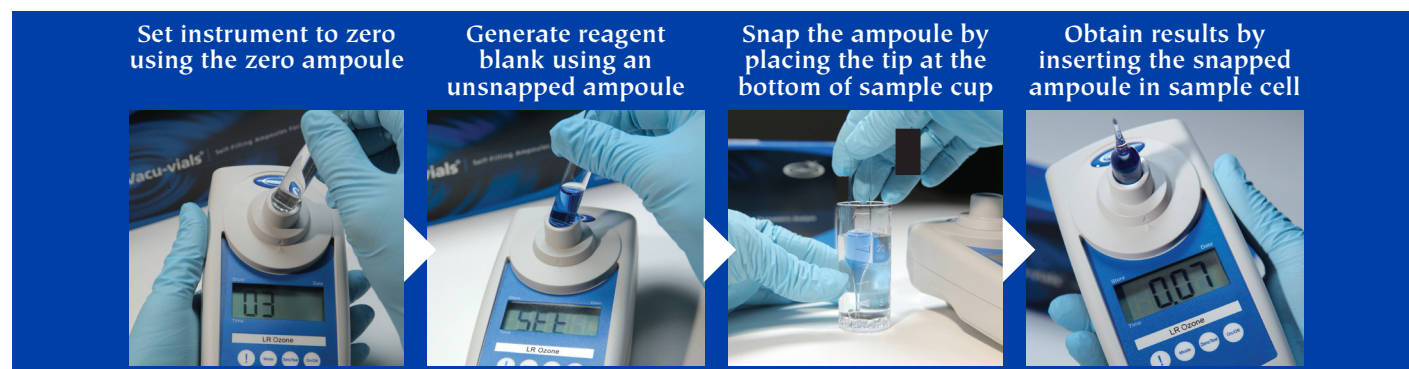
**Ozone SAM Test Kit
Item No. ASR426**

These extraordinarily simple snap-and-read test kits actually have a lower cost per test than the labor-intensive versions you may be using now. And, you can have accurate, reliable, quantitative results in less than two minutes.

The CHEMetrics kit employs the indigo colorimetric chemistry packaged in vacuum-sealed, self-filling ampoules. Only one ampoule is needed per test, providing accurate and repeatable test results while saving you valuable lab time and money.

OZONE SAM TEST KIT SELF-ZEROING INDIGO METHOD

Quick and Simple Test Procedure



Cost-saving Vacu-vials® Ampoules

The CHEMetrics Ozone Vacu-vials® Refill Kit employs the indigo colorimetric chemistry packaged in vacuum-sealed, self-filling ampoules. Unlike some competitors' products, the innovative self-zeroing method requires only one ampoule per test. No additional reagent blank is needed. That gives you greater speed, efficiency and savings!

The Vacu-vials Refill Kit contains everything needed to perform 30 tests: thirty ampoules, 25 mL sample cup, ampoule blank, light shield and instructions. The kits require the use of a SAM Photometer or a spectrophotometer capable of accepting a 13 mm diameter round cell and with a "Z dimension" of 15 mm or less.



Ozone Vacu-vials Refill Kit
Item No. ASR428

Indigo Method

With the indigo method, indigo trisulfonate dye immediately reacts with ozone. The color of the blue dye decreases in intensity in proportion to the amount of ozone present in the sample. The test reagent is formulated with malonic acid to prevent interference from up to at least 10 ppm chlorine. Results are expressed as ppm (mg/L) O₃.

References: Bader H. and J. Hoigné, "Determination of Ozone in Water by the Indigo Method," Water Research Vol. 15, pp. 449-456, 1981. APHA Standard Methods, 22nd ed., Method 4500-O₃ B (1997).

Alternate Product Comparison				
Product	Cost Per Test Analysis	Analysis Time	2 nd Ampoule for Blank	Number of Tests Per Kit
Pacific Ozone Item No. ASR428	\$1.03	1.5 Minutes	No	30
Hach Item No. 2517025	\$1.26 – \$2.52	1.5 Minutes	Yes	25

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6160 Egret Court
Benicia, California 94510
p: (707) 747.9600
f: (707) 747.9202
www.pacificozone.com

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