

SAMs (Single Analyte Meters): Value and Convenience

Paired with CHEMetrics® **self-filling Vacu-vials®** ampoules or **COD vials**, our **Single Analyte Meters (SAMs)** provide unprecedented simplicity and accuracy at an affordable price. SAM instruments provide results equivalent to other meters and probes costing much more. Each single analyte test kit contains a dedicated photometric meter instrument, reagent pack, and all necessary accessories.



SAM Specifications & Features

Light Source: Light-emitting diode / interference filter

Optical Paths: 13-mm light path / 16-mm light path / 22.5 mm light path

Power Source: Battery operated

Compliance: European CE Mark

Warranty: 1 Year





Analyte	SAM Kit No.	Range (mg/L)	Replacement Kit No.	Verification Kit No.	Standards Kit No.
Ammonia	¹ A-2024	0-3.00 & 0-60.0	K-1413		
Ammonia	¹ A-2024	0-10.00 & 0-150	² K-1513		
Chlorine	I-2001	0-5.00	K-2513	I-0003	
Chlorine Dioxide	I-2001	0-11.0	K-2513 modified procedure	I-0003	
COD Low Range	¹ A-7320	0-150	² K-7350S, ² K-7355, K-7351S, K-7356		A-7301
COD High Range	¹ A-7325	0-1500	² K-7360S, ² K-7365, K-7361S, K-7366		A-7301, A-7310
COD High Range	¹ A-7325	0-15,000	² K-7370S, ² K-7375, K-7371S, K-7376		A-7310
Detergents	I-2017	0-2.50	R-9423		
Hydrogen Peroxide	I-2016	0-6.00	K-5543	I-5543	A-5505
Oxygen, dissolved	I-2002	0-15.0	K-7513	I-0003	
Ozone (DPD)	I-2019	0-5.00	K-7423	I-0003	
Ozone (Indigo)	I-2022	0-0.75	K-7433	I-7433	
Ozone (Indigo)	I-2023	0-0.25	K-7433, K-7453	I-7433	
Peracetic Acid	I-2020	0-5.00	K-7913	I-0003	A-7925

¹Instrument only. Test Kits sold separately.

²Contains mercury. Dispose according to local, state or federal laws.

Verification Kits for CHEMetrics® Photometers To Validate Photometer Performance



Features:

- Easy to use. No preparation is required.
- NIST traceable.
- Ideal for instrument verification in the lab and in the field.
- Saves time. No need to return the photometer to CHEMetrics for verification.

Introducing three new CHEMetrics® Verification Kits that allow you to quickly and routinely check the performance of your CHEMetrics® SAM instruments.

- Catalog No. I-0003: For use with CHEMetrics® Chlorine I-2001, I-2002 Dissolved Oxygen, I-2019 Ozone (DPD) and I-2020 Peracetic Acid SAM Photometers.
- Catalog No. I-5543: Intended for customers who use CHEMetrics® K-5543 Hydrogen Peroxide Vacu-vials® Kit and would like to verify the performance of the CHEMetrics® I-2016 Hydrogen Peroxide SAM, or V-2000 or V-3000 Multi-Analyte photometers (program 95).
- Catalog No. V-0002: Designed to verify LED performance of CHEMetrics® V-2000 Multi-Analyte Photometer.

Packaged in a compact, durable polypropylene carrying case, each photometer test kit includes a set of ampoules containing various dye solutions specific to the wavelength(s) for the particular photometer. The absorbance of each dye ampoule is individually confirmed using a spectrophotometer that is certified using optical standards traceable to NIST.

A Certificate of Conformance is supplied with each single analyte test kit that reports the range of permissible test values for each standard in the kit.