



Introducing New High Range (HR) CHEMets

5/8/2024, Ver #1

A New Way To Measure at High Ranges

We are pleased to announce the upcoming Summer 2024 launch of a new way to test at high concentrations, High Range or HR CHEMets! These direct-read test kits offer rapid results without compromising the simplicity you expect when running a CHEMetrics test.

What are HR CHEMets?

HR CHEMets Test Kits are direct-read colorimetric visual test kits offering high range concentration testing. They use the same self-filling vacuum-sealed ampoule as a standard CHEMetrics test with a step by step procedure that accomplishes sample dilution using a syringe or a MiniPet®. If you've performed one of our tests before, you are ready to use an HR CHEMets test!



Figure 1: Examples of the new HR CHEMets Test Kits

How Do HR CHEMets Work?

HR CHEMets utilize a syringe or a fixed volume pipet, called a MiniPet®, to measure an accurate aliquot of your sample. Simply transfer the stipulated volume to your sample cup, fill the sample cup with distilled water to the indicated line, snap the HR CHEMets ampoule in the sample, and use the color comparator

to get your result. The VACUettes test procedure step involving transferring the sample to the micro test tube has been eliminated from the HR CHEMets test procedure. No additional labware is needed.

The HR CHEMets kits offer the same test methods that you have been utilizing in the VACUettes kits, so you don't have to worry about new interference. The HR CHEMets offer new testing ranges to better align with applications in various industries.

A list of the HR CHEMets kits is provided at the end of this article.

Where Can I Purchase HR CHEMets?

HR CHEMets will be available on the CHEMetrics website and can be ordered via phone at 800.356.3072 or email at orders@aquaphoenixsci.com. You can also contact your AquaPhoenix sales representative to place an order.

Thank You For Your Support

As we launch HR CHEMets we will be phasing out VACUettes test kits. While VACUettes have served us well, we believe that HR CHEMets offer more value, simplicity, flexibility and reliability for high range water analysis. We thank you for your loyalty and support during this change. We are confident that that these products will meet or exceed your testing needs. As always, feel free to contact us if we can assist you in finding the most appropriate product for your application.

**MiniPet is a registered trademark of Tricontinent Scientific, Inc.*

Table 1: A List of Available HR CHEMets Test Kits

Kit Catalog #	Analyte	Measurement Range (ppm)	Refill Catalog #
K-1430D	Ammonia	0-2000 & 0-10,000	R-1402 + A-0171
K-1520D	Ammonia	5-50	R-1501
K-1520A	Ammonia	25-250	R-1501
K-1520B	Ammonia	125-1250	R-1501 + A-0171
K-1520C	Ammonia	1000-10,000	R-1501 + A-0171
K-2520D	Chlorine	0-25	R-2500
K-2520A	Chlorine	0-125	R-2500
K-2520B	Chlorine	0-500	R-2500 + A-0171
K-2520C	Chlorine	0-2000	R-2500 + A-0171
K-5020D	Hydrazine	0-12.5	R-5005
K-5020C	Hydrazine	0-500	R-5005 + A-0171
K-5520D	Hydrogen Peroxide	5-50	R-5510
K-5520A	Hydrogen Peroxide	25-250	R-5510
K-5520B	Hydrogen Peroxide	125-1250	R-5510 + A-0171
K-5520C	Hydrogen Peroxide	1000-10,000	R-5510 + A-0171
K-5808	Hypochlorite	0-1.55%	R-2500 + A-0171
K-5816	Hypochlorite	0-12.5%	R-2500 + A-0171
K-6020D	Iron (Total & Soluble)	10-100	R-6001
K-6020A	Iron (Total & Soluble)	50-500	R-6001
K-6020B	Iron (Total & Soluble)	250-2500	R-6001 + A-0171
K-6220D	Iron (Total & Ferrous)	10-100	R-6201
K-6909A	Nitrate	0-225	R-7002 + A-6900
K-6909D	Nitrate	0-45	R-7002 + A-6900
K-7020B	Nitrite	0-250	R-7002 + A-0171
K-7020C	Nitrite	0-2000	R-7002 + A-0171
K-8020D	Phenols	0-300	R-8012
K-8520D	Phosphate	10-100	R-8510
K-9520D	Sulfide	5-50	R-9510
K-9520A	Sulfide	25-250	R-9510
K-9520B	Sulfide	125-1250	R-9510 + A-0171
K-9520C	Sulfide	1000-10,000	R-9510 + A-0171