



Atomic absorption lamps



PerkinElmer has expanded its Atomax line of 1.5" hollow cathode lamps in its atomic spectroscopy consumables portfolio.

The Atomax lighting sources can be used with any commercial atomic absorption spectrometer.

The Atomax lamps offer laboratories a dependable lighting source in a 1.5" format. These consumables are engineered to provide high sensitivity, stable light output, low noise and long life. All lamps are thoroughly tested and each is shipped with a certificate of quality that guarantees the lamp has passed all required tests before leaving the factory.

PerkinElmer Pty Ltd

Contact info and more items like this at wf.net.au/D914

IR digester

The Büchi SpeedDigester K-439 IR digester is claimed to be the first infrared digestion system to combine both high-level automation and precise temperature control which allows good reproducibility.

The automation and shortened digestion times increase throughput. The system is preprogrammed with 20 of the most commonly used methods and can store up to 50. A display screen displays the set and actual temperatures of the current digestion.

The heating chamber efficiently distributes heat to every sample, resulting in reproducible digestions without foaming.

The system features a tight exhaust manifold that connects to the B-414 scrubber to remove harmful digestion vapours.

The digester can be used with 300 mL sample tubes for standard Kjeldahl methods and 500 mL sample tubes for larger volumes of environmental samples.

In Vitro Technologies Pty Ltd

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Solid-phase extraction polymer

Supelco Supel-Select HLB SPE is hydrophilic modified styrene-based polymer developed for the solid-phase extraction of a highly broad range of compounds from aqueous samples.

The retention mechanism is predominately based on reversed-phase interaction. However, because the phase is hydrophilic modified, the phase is also selective for more polar compounds (HLB: Hydrophilic Lipophilic Balance). Examples of more polar compounds that are retained and recovered on Supel-Select HLB include (but are not limited to): pyridoxine (logPo/w -0.56), riboflavin (logPo/w -2.02), biotin (logPo/w 0.11).

Sigma Aldrich Pty Ltd

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Digital chlorine dioxide testing

Palintest has developed a new method for testing chlorine dioxide levels in water. The ChlordioXense provides accurate testing without relying on subjective analysis for results. The instrument eliminates the potential for user error giving precise, consistent results whatever the operator's level of experience.

Developed from the successful electrochemical sensing technology in the ChloroSense digital chlorine sensor (now EPA approved), the ChlordioXense is easy to operate. Simply insert a disposable electrode along with the water sample and close the lid to start a test. The instrument works for a wide range of concentrations, from 0.02 to 50 mg/L, with sample temperatures up to 40°C, and results are visible on the LCD screen in less than a minute.

The unit stores up to 500 results in its onboard memory and can be connected by USB to a PC for simple downloading. Powered by AA batteries and weighing less than 1 kg, it is portable and offers effortless chlorine dioxide measurement for any situation.

Palintest Ltd

Contact info and more items like this at wf.net.au/D387

Laboratory and field product catalogue

The Orbeco-Hellige catalogue features laboratory and field products for water and wastewater analysis.

The catalogue includes test kits, single- and multi-parameter colorimeters, turbidimeters and reagents.

Accurate Measurement NZ Ltd

Contact info and more items like this at wf.net.au/D264

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