Analytical Science & Technologies

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ASTG Gas Management Solutions

REPLACEMENT SCRUBBER ELEMENT

It's time to replace your scrubber element

ASTG Excimer Laser Gas Scrubber Element

Analytical Science & Technologies Group, Inc. has developed a drop-in replacement Scrubber Element to replace Spectra Gases® Linde® Part Number 10036 used in SpectraPure F5300 Scrubber Systems.

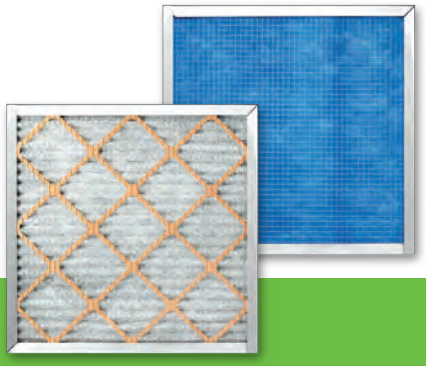
These scrubber elements are required to be replaced annually or following a toxic gas release. Over time, exposure to the air does degrade the active scrubber media – hence the requirement for period change outs.

The scrubber element consists of three parts – inlet filter, active scrubber media section and outlet dust filter. These are assembled into an aluminum frame.

The active scrubber media is tailored specifically to maximize adsorption of the acid gases typically found in Excimer Laser gases – Fluorine (Hydrofluoric Acid when exposed to air) and Hydrochloric Acid.

Specifications:

- *23.5"x 23.5"x 3.75" sized to fit 24"x 24"x 4" slot in SpectraPure Scubbers*
- *Total weight of scrubber element 27lbs (12kg)*
- *Active weight of scrubber media 22lbs (10kg)*
- *Fresh scubber element capacity: 8% by weight of HF 20% by weight of HCl*



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ASTG Scrubber Elements are but one of many custom products developed, manufactured and supported by Analytical Science and Technologies Group, Inc. (ASTG)—a scientific consulting and laboratory corporation dedicated to providing expert services and products to non-scientific industries and governmental organizations. We provide scientific expertise and technological resource services to several industrial sectors.

- Industrial & Specialty Gases—includes high purity and semiconductor gases.
- Medical & Pharmaceutical—all users of regulated pharmaceutical gas and NFPA compliant facilities.
- Food & Beverage—directly interacts with major finished goods and manufacturers.
- US Government—Registered Small Business Supplier to the US Department of Defense.

Our services are typically called upon for Design & Specification of Advanced Analytical Solutions, Forensic Investigations and Third Party/Amicus Consultation and Crisis Mitigation.

ASTG maintains analytical and manufacturing facilities in Newton, New Jersey and Portland, Oregon. Our ability to cross-utilize technologies and techniques allows us the unique ability to develop and validate equipment and processes with quick turnaround. Hands-on experience counts. Knowing exactly what to do at the right time is our value-added strength. Our services are rendered both onsite and offsite, meeting our customer's expectations with a global response. ASTG is able to respond to our clients' needs with fully operational, portable laboratories and instrumented vans providing the ultimate real-time / onsite analysis. We are able to move a contingent of analytical equipment to customer sites for short- and long-term studies or provide equipment and training to in-house personnel.

For additional information about Analytical Science and Technologies Group, Inc. please visit www.ANSCITECH.com

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