

Laboratory Gas Equipment



BEACONMEDÆS®

Your Complete Laboratory Solution

BeaconMedæs is a global supplier of laboratory gas equipment, including air systems, vacuum systems, gas generators, and a comprehensive range of high purity gas delivery products.

Our *VerusLab* line of gas delivery equipment is designed for ideal performance in the laboratory facility. *Verus*, meaning true, real, proper, and right, stands for our commitment to quality and the integrity we put into our laboratory products. You can count on us from the beginning of your project to the final step!

- *Complete line of high purity products and source equipment*
- *Application and design oriented*
- *Meeting your specific equipment and design needs*

Complete Service and Design Support

- *Experienced and knowledgeable design experts*
- *Design, build and install gas equipment for any of the common high purity gases*
- *Comprehensive technical and service support 24/7*



High Purity Manifolds For All Applications

- *Open-style and cabinet-style manifolds*
- *From simple protocol stations to fully automatic switchover manifolds*
- *Brass or stainless steel in multiple configurations to meet your application*
- *Cryogenic, high purity and ultra high purity applications*



A Full Line of High Purity Gas Delivery Equipment

- *Point-of-use delivery equipment*
- *High purity accessories*
- *Pressure flow and purity control*
- *Indoor and outdoor installation as well as explosion-proof applications*



Gas Detection

- Detection of oxygen, carbon dioxide, and explosive/toxic gases
- Specifically designed for laboratories
- Hard wired or wireless alarm signals

Pipeline Equipment

- Zone valve boxes for safety and protection
- Purifier panels for ultra high purification and protection of sensitive instruments
- Wide variety of high purity valves and valve assemblies



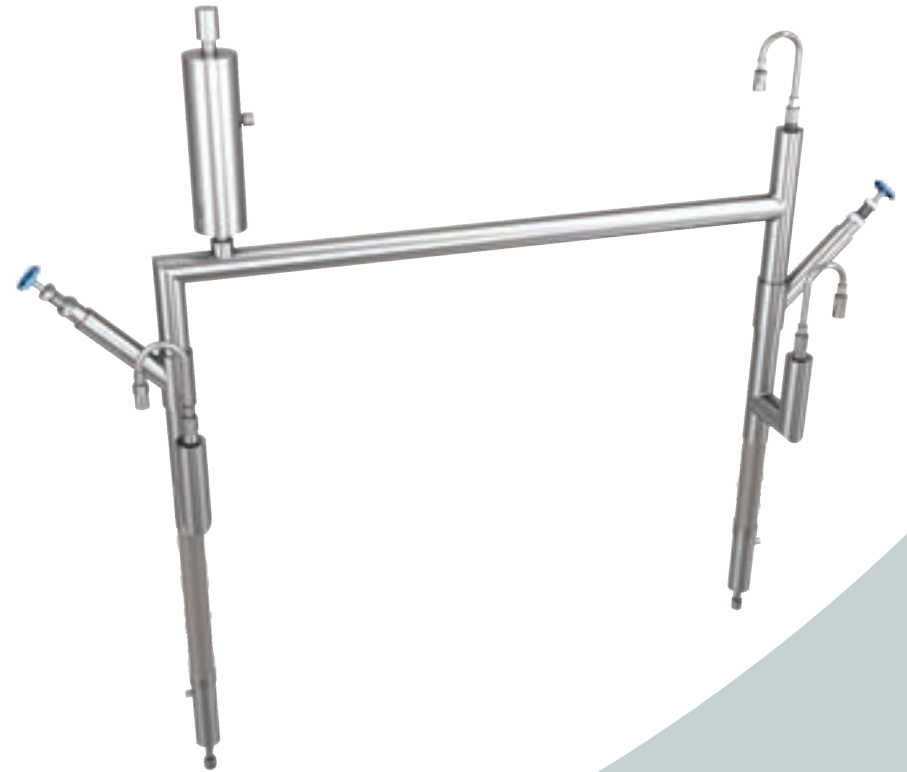
Cryogenic Manifolds

- *Three fully automatic switchover actuations: weight, pressure and temperature*
- *Liquid withdraw/liquid dispense suitable for indoor and outdoor installations*
- *Assures a continuous supply of liquid cryogens or liquid carbon dioxide*



Vacuum Jacketed Piping for Cryogenic Applications

- *Supply liquid nitrogen to cryogenic storage freezers and controlled rate freezers*
- *Static vacuum Jacketed piping*
- *All types of installations, from small to complex designs*



Gas Generators

- *High purity on-site generation of nitrogen, hydrogen, oxygen and zero air*
- *Designed to integrate into any laboratory and complement scientific instrumentation*
- *Modular construction, with appealing design and operator interface*



TotalAlert Infinity Notification System

- *Customized messaging providing, "The right instruction, to the right person at the right time"*
- *Configurable for input signals, gas delivery pressures, and 4-20mA readings*
- *Embedded web server for complete laboratory gas management through the Ethernet*

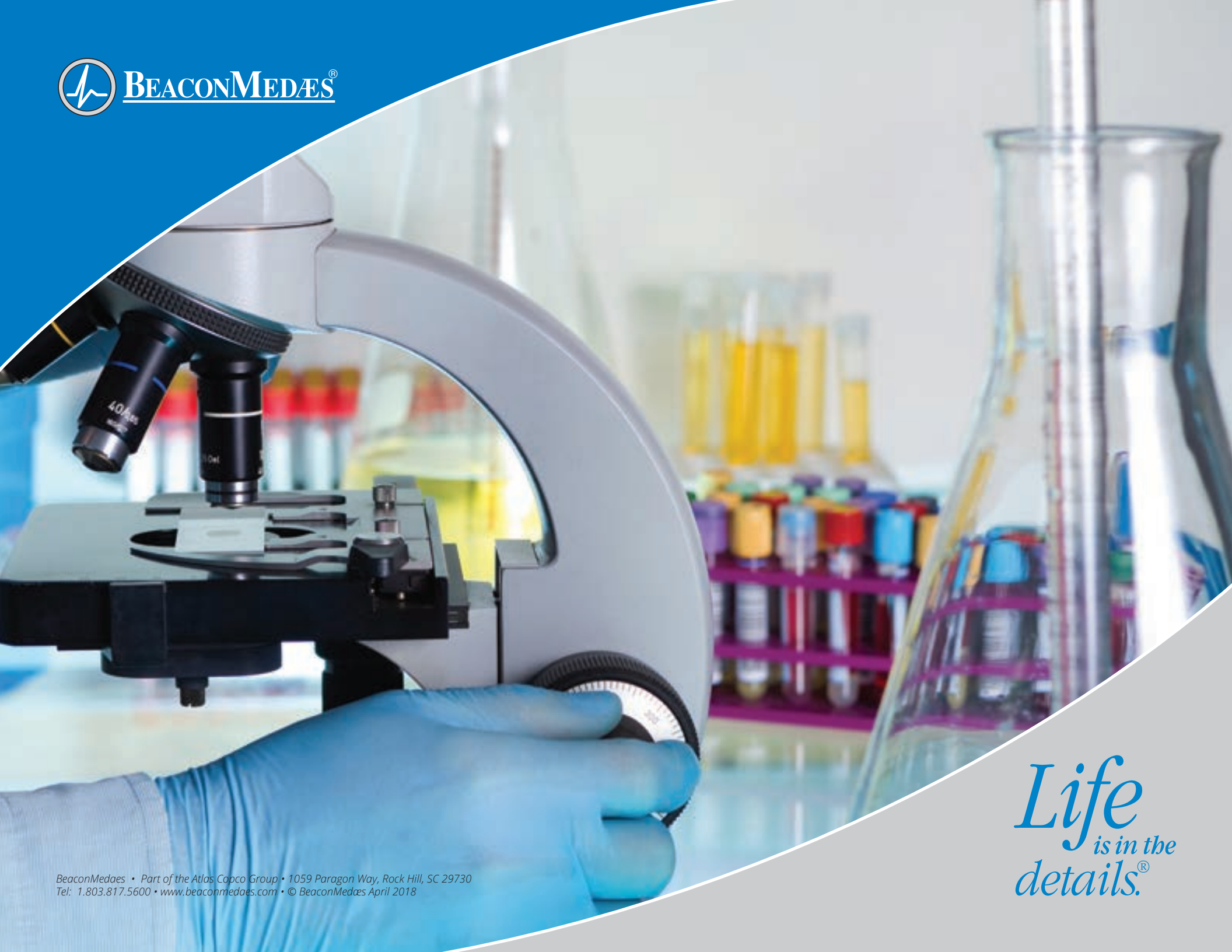
Laboratory Air

- Oil-free air with scroll and rotary tooth technologies
- Fully packaged systems with state of the art TotalAlert Embedded controls
- Compact, quiet modular units for point of use applications
- Standard -40 °F/ °C Dewpoint for pure dry air



Laboratory Vacuum

- Dry rotary claw and lubricated rotary vane vacuum technologies
- Automatic purge system on all pumps for protection and long life
- Multiple configurations in fully packaged systems
- Electric isolation purge valves (no need for external air supply to open air actuated isolation valves)



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Life
is in the
details.[®]