Ohio Medical Corporation® is a global leader in the area of medical air and vacuum pumping systems, medical suction and oxygen therapy devices with such trusted brands as Ohio Medical Corporation® and Amvex® medical suction regulators, Ohio Medical and Amvex air and oxygen flow meters, Healthcair® medical air and vacuum pumping systems and Aeros® portable suction equipment.

Ohio Medical Corporation meets applicable regulatory requirements in the countries where we make and sell our products, and operates an ISO 13485 registered and FDA regulated medical device manufacturing facility. All Ohio Medical medgas products are produced to conform to NFPA 99 standards.

With our dedicated team of industry experts, Ohio Medical Corporation takes great pride in providing our customers with high quality, innovative solutions to meet the challenges of today’s marketplace.

Ohio Medical is the only name you need to know for your medical suction and oxygen therapy and medgas equipment needs.
Ohio Medical® can trace its history of the “Ohio” name back over 100 years to the Ohio Chemical & Manufacturing company founded in Cleveland Ohio in 1910. Here the company began manufacturing one of the first anesthesia gas machines called the Ohio Monovalve which was used extensively during World War I.

Squire-Cogswell (founded in Chicago Illinois 1916) was a vital contract manufacturer for Ohio Chemical. They developed and manufactured medical gas and suction and oxygen therapy equipment including hospital vacuum regulators, custom vacuum and medical gas pumping systems for healthcare applications. Squire-Cogswell/Aeros achievements include inventing and patenting the “Diamond 1” (also known as the “Ohio Diamond”) medical gas adapter in 1951; inventing the first wall mounted intermittent suction device used for patient drainage in 1964; and introducing the first MoblVac® portable suction pump in 1975.

In 2005, Ohio Medical Corporation was formed by MVC Capital. The foundation of the newly formed Ohio Medical Corporation included the acquisitions of the Ohmeda® suction & oxygen therapy business from GE Healthcare, and the Squire-Cogswell/Aeros company which manufactured portable suction equipment, medical and industrial pumping systems and medical gas pipeline products.

In 2007, Ohio Medical Corporation acquired Amvex® Corporation. This expanded our portfolio of suction and oxygen therapy products by including a global market leadership position for medical gas hoses and patented technologies for digital gauge suction regulators, and dual port wall mounted integrated air and oxygen flow meters.

Our next technological breakthrough came with the introduction of the Ohio Medical Push-To-Set™ suction regulator. The PTS regulator is the first suction regulator to address a potential national healthcare concern regarding inadvertent “over-suctioning” by incorporating the patented technology of an automated occlude-to-set feature critical in setting appropriate vacuum pressure levels.

Most recently, Ohio Medical acquired MiniOx® a long standing leader of Oxygen monitoring and analyzing products. MiniOx has a long history of serving the medical community and its rich history continues here at Ohio Medical.

We are proud of the “Ohio” name and significant impact our products have had on the medical industry and the patients we serve. Our brands reflect a strong heritage standing for patient safety, innovation, and quality products for over 100 years!
Quality is essential

at Ohio Medical®, we integrate quality into all aspects of our business, from product development to customer support. Our high level of quality comes from our commitment to two key issues:

• Meeting applicable regulatory requirements in the countries where we make and sell our products.

• Maintaining a staff of talented employees whose commitment to quality supports Ohio Medical’s vision.

Ohio Medical Corporation is an ISO 13485 registered and FDA regulated medical device manufacturing facility.

A major part of Ohio Medical’s quality efforts entail certification according to domestic and global standards such as UL, CSA, NFPA, NEC, ISO 13485, ISO 9001, CMDCAS, ETL and CE marking through the Medical Device Directive (MDD).
Suction Regulators
Ohio Medical® was the pioneer in developing the modern day suction regulator and has been providing quality suction regulators to healthcare facilities worldwide for more than 70 years. Our regulators are specifically designed for a variety of clinical applications including airway, nasogastric and surgical suctioning as well as chest drainage.

“First” in Patient Safety: Our Ohio Medical patented Push-To-Set™ vacuum regulator was the first technology specifically design to help reduce the potential for clinician error by automating the recommended (AARC1) occlude-to-set step in the suction procedure.

“First” in Innovation: The Amvex® vacuum regulator was the first and is the only patented digital display regulator that has a large, easy to read display and does not require calibration to deliver precise suction readings for critical applications.

Oxygen Therapy/Respiratory Care
Ohio Medical’s Pressure Compensated Flowmeters are designed to meet strict standards of durability and precision. Several models for delivery of oxygen and air are available to meet your needs.

Ohio Medical introduces the Thorpe Style Integrated Flowmeter which combines a thorpe style flowmeter and a medical gas outlet into one simple, compact design – helping improve patient safety and reduce replacement/repair costs.

Portable & Venturi Suction
A full line of self-standing and table top suction machines is available for procedures that require intermittent or constant suction. Both AC and battery powered models are offered. The Venturi gas-powered portable vacuum unit provides a convenient suction source on infant radiant warmers, during transport, in special procedure areas or on crash carts.

Gas Fittings & Connectors
With one of the largest offerings of medical gas fittings and adapters, Ohio Medical’s customers find a single source for all their needs including a complete line of the highest quality medical gas fittings and connectors at the most economical prices.
Vacuum Systems

*Rotary Vane, Rotary Claw, Liquid Ring*

Our vacuum systems comply with the latest NFPA® 99 standards. We offer compact modular tank and stack mount systems, in standard and custom configurations. Our choices include rotary vane, liquid ring and rotary claw.

Air Systems

*Oil-Less Scroll, Oil-Less Reciprocating*

Oil-less breathing air systems are offered in both piston and scroll versions. All models are NFPA 99 compliant with all needed equipment, such as CO/dewpoint monitor, dryers, filters, and various other accessories.

Medgas Pipeline

We offer a full line of NFPA 99 compliant medgas pipeline products including wall and headwall outlets in a variety of connection styles, area and master alarms, manifolds, valve boxes, and many other products to meet all of your needs.

Vacuum Pumps

Let us help with all of your vacuum pump replacements. Whether your system is equipped with rotary vane, liquid ring or oil-less claw pumps, we can help. Also, contact us about upsizing your current system.

Air Compressors

Our lines of oil-less air compressors are available in both reciprocating and scroll configurations. Standard compressor modules include motors, inlet filters, belts, belt guards, and aftercoolers.

Accessories

We inventory a vast array of replacement parts for many makes of air and vacuum systems. Call us for oil, filters, gauges, relief valves, dryers, tanks, and various other accessories.

Service

Our service department is well equipped to handle rebuilds of all major brands of vacuum pumps and air compressors. As one of the country’s most recognized suppliers of vacuum pumps and systems, we have the expertise needed to get your pump up and running. We also offer Service Agreements - Call for information.
1 American Association of Respiratory Care, “Endotracheal Suction of the Mechanically Ventilated Patient with Artificial Airways 2010”, Respiratory Care, June 2010, pp.758-64