



Pure air . Pure gas

pneumatech
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Automotive

Textile

Power Generation

General Industry

Oil & Gas

Food & Beverage

Electronics

Pneumatech: Your guarantee of high- quality compressed air and gas

Since 1966, Pneumatech has provided industry-leading compressed air and gas treatment solutions to production facilities across the globe. Our innovative machines and accessories provide clean, dry air and gas to industries such as automotive, textile, power generation, oil & gas, food & beverage, and electronics. We design equipment that is easy to configure, transport, use and maintain. We provide responsive service globally to ensure you get the most out of your equipment over its long lifetime. Furthermore, we have the capability to engineer products to fit your specific applications. We are here to help you.



Pure protection

Your processes are your life blood. They need to be protected at all costs. That's why you need an exceptionally reliable source of clean, dry air or gas – and that's what Pneumatech delivers.

We are an ISO 9001:2008 and ISO 14000 certified manufacturer who fully understands your industry's regulatory and environmental concerns. You can trust us to protect your processes, your products, your applications, and your reputation.

Pure air . Pure gas



Pure production

Maximizing your productivity is one of our core objectives. We listen to and understand your various needs. We analyze your requirements to come up with the right solution that adds value to your production processes. We help you configure your compressed air applications so that they consume the least amount of compressed air to achieve your production requirements. We engineer our compressed air and gas solutions for the high performance and outstanding durability you need to keep your production up and running optimally.



Pure profitability

Your company's success is paramount to Pneumatech. We aim to deliver consistently high-quality products and services that contribute to your prosperity. Our systems are designed to drive down your manufacturing costs and energy use. We have decades of experience in achieving these goals.

After all, we are the team who pioneered external heat regenerative dryers in the 1980s and invented Pulse Purge Regeneration (PPR), a revolutionary full load energy-saving device found exclusively in our heated purge dryers. Over the years we have invested in exceptional manufacturing, quality, service and innovation to help you save energy and money, year after year.

Refrigerated Dryers

Incorporating innovative features such as a durable aluminum block heat exchanger, an integrated moisture separator, and a no air loss drain valve, these dryers are designed for ultimate drying efficiency at a low Total Cost of Ownership. Installation takes place in four easy steps.



Non-cycling Refrigerated Dryers

Pneumatech's reliable and innovative refrigerated dryers are a cost-effective solution to remove all traces of condensation and the resultant corrosion from your compressed air system. Tested to stringent industry standards, they give you years of reliable service.

Cycling Refrigerated Dryers

Pneumatech cycling dryers are cycle based on the relative humidity and keep a much more stable dewpoint than traditional thermal mass type cycling dryers. The result is a typical energy reduction of approximately 15-20% when both units are operating at full load.



Desiccant Dryers

Pneumatech desiccant dryers provide you with clean, dry air to extend the life of your equipment and products. With their state-of-the-art design they provide trouble-free operation with very little maintenance. Built to last, they offer proven reliability for maximum peace of mind.

Heat-of-compression Dryers

Heat-of-compression dryers use the heat of compression from oil-free compressors to dry compressed air. This heat is used effectively to regenerate the high-quality desiccant, significantly reducing energy and operating costs. As any need for outside energy supply can be eliminated, adsorption is by far the most economical method of drying compressed air.

Heated Desiccant Dryers

With distinctive, patented technological innovation and extra energy-saving options, Pneumatech's heated desiccant dryers provide an uninterrupted supply of clean, dry air. They offer superior energy efficiency and advanced monitoring and control capabilities.



Heatless Desiccant Dryers

Clean, dry compressed air is vital in your busy production environment. Incorporating features like adjustable purge, energy saving Dewpoint Demand, and many filtration mounting options, Pneumatech's desiccant dryers offer you clean, dry air/gas for all your needs, including high-pressure applications.

Blower Purge Desiccant Dryers

Sometimes specific applications call for minimal purge air loss. Our redesigned blower purge desiccant dryers offer tremendous energy savings along with the possibility of a smaller size compressor as part of an energy saving complete system solution. These models incorporate non-lubricated, wafer-style, ductile iron butterfly valves with Viton seals.

Filters

For over 40 years, Pneumatech products have provided complete solutions for every air/gas filtration need. We are proud to continue that legacy with our newest line of enhanced filtration systems and replacement elements.

Coalescing Filters

Pneumatech's new style coalescing filter has an even greater coalescing efficiency than before. The element wrapping is used as a pre-filter to a desiccant or refrigerant dryer or when removal of liquid aerosols and suspended fines is required.

Particulate Filters

Our new particulate filters are better than ever before, thanks to a finer grade particulate filter. Install them on the outlet of desiccant dryers to remove all traces of desiccant dust. They are also the perfect pre-filters for coalescing filters, vacuum pumps and pneumatic blowing systems.



Adsorber Filters

Activated carbon media filters are ideal to eliminate vapors and odors and polish gas streams of final trace amounts of hydrocarbon contaminants. Applications include the pharmaceutical industry, dental offices, photographic workshops, and packaging.

Mist Eliminator Filters

Pneumatech mist eliminator filters combine superior performance in particle elimination with an unmatched service life. Typically used as the pre-filter to a dryer, mist eliminators capture lubricant and condensed moisture carryover, even in the event of a catastrophic compressor separator collapse.



Nitrogen/Oxygen Generators

For companies specialized in chemical manufacturing, electronics or laser cutting, a dependable supply of industrial gas is crucial. Compared to gas bottles or tanks, on-site production of gas offers significant cost savings and continuous availability. Pneumatech's nitrogen and oxygen generators offer you flexible on-site production of industrial gas at a low cost.

Nitrogen Generators Membrane Series

With a nitrogen purity range of 95-99.5%, Pneumatech's membrane nitrogen generators are a cost-effective, easy to use solution. The optional economizer package ensures that when nitrogen is not required, the package will not call for air from your compressor.

Nitrogen and Oxygen Generators PSA Series

Pneumatech's Pressure Swing Adsorption (PSA) nitrogen and oxygen generators offer higher purity solutions. Nitrogen purity from 99 to 99.999% is attainable. Our PSA oxygen generators offer oxygen purities up to 95%. In either case we offer you the flexibility of providing your own supply of nitrogen or oxygen on demand rather than handling dangerous high-pressure cylinders.



Globally present. Globally certified

Pneumatech was founded in Kenosha, Wisconsin, USA in 1966 and has grown continually. At the start of this century Pneumatech expanded into the industrial nitrogen generation and nitrogen tire inflation markets. Pneumatech continuously invests in its manufacturing capabilities and adopts lean manufacturing techniques. It currently has production sites in the USA, Europe and China. In 2010 Pneumatech received ISO 9001 and ISO 14001 certification, and OHSAS 18001 certification in 2011.

Optimize your air network

Timely, accurate information about your compressed air system will help you achieve peak operating conditions, energy cost reductions and productivity improvements. We offer a range of services to help you manage your compressed air network to ensure the system operates efficiently at all times.



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www.pneumatech.com

The colour of the actual products may vary from the color shown in this brochure. Slight differences in detail might appear.