



FOOD & BEVERAGE PROCESS EQUIPMENT

SANITARY PROCESS
INSTRUMENTATION

SPECIALTY VALVES

FOOD GRADE PUMPS

FILTRATION

MIXERS & BLENDERS

BOD REMOVAL

WASH DOWN
EQUIPMENT

STEAM & HOT WATER

CONTROL PANELS

Carotek offers specialized products to meet the needs of the food and beverage industry - instrumentation, valves, pumps, steam & hydronics as well as complete process skids and control panels for process automation and process control systems.

Carotek understands that process integrity, recipe compliance, and product reliability are basic prerequisites in food processing. Additionally, because most processes must remain closed and contamination of the process media must be prevented in every phase of production, you can rely on our expertise to provide the right solutions.

Our specialized product application engineers are available to help you determine the best products to meet stringent sanitary standards, increase product quality and consistency and enhance the efficiencies of your process.

Whatever your needs, let Carotek help.

CONTACT US TODAY.



SANITARY PROCESS INSTRUMENTATION

Carotek offers a variety of specialized instrumentation product lines that cater to the food and beverage industry. We understand our customers need to control the quality and safety of their products.

Whether you need to measure and control flow, level, pressure, temperature, density, pH, weight or even color, we have instrumentation and controllers to help with all of your critical process parameters with hygienic connections and food grade approvals.

We understand the importance of managing your inventory and remaining in compliance with regulatory standards. We have instrumentation to help you reduce waste as well as manage energy costs.

We also offer on-site NIST traceable calibration, field service and remote service. Certifications include A2LA, from ISO-17025 accredited labs.



SPECIALTY VALVES

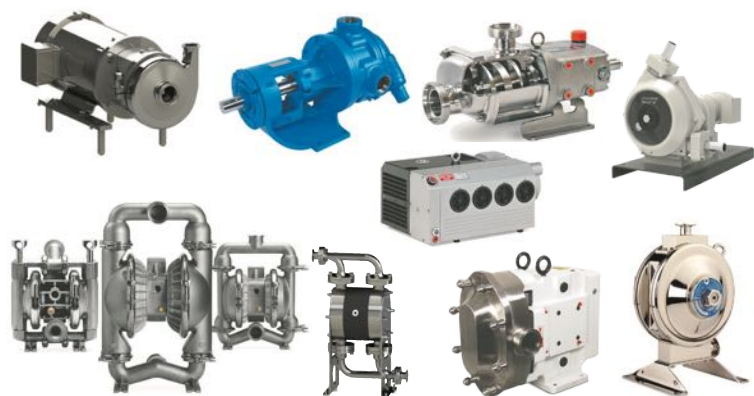
Carotek offers a variety of specialized valves, actuators and controls that meet the needs of the food and beverage industry with 3-A Certifications. We offer a wide range of high-performance, high-quality butterfly valves, ball valves, check valves, and mix proof valves suitable for both hygienic and aseptic applications. We also offer solenoid valves and fluid control solutions for sanitary and steam and hot water applications.

Carotek's Valve Automation Center creates valve assemblies in our facilities that can save you a significant amount of time in the field with faster startups. Our Process Valve expertise combined with our engineered solutions capability can solve the most complex challenges that you bring to us.



FOOD GRADE PUMPS

The food and beverage industry relies on pumping and mixing solutions to manufacture their products. Carotek has various pump product lines that cater to the food and beverage industry's hygienic and sanitary requirements, including 3-A and FDA. We also offer extensive pump parts inventory as well as expert repair by factory certified technicians.



FILTRATION

Maintain quality, consistency, and purity while minimizing maintenance and maximizing throughput with a wide variety of filtration products from Carotek.



MIXERS

Carotek offers the Packco shear mixer pump which is mainly used for in-line mixing, homogenization and dispersion applications. The shear is generated between the rotor and an innovative and optimized perforated stator (patented). The final goal is to achieve a homogeneous solution of two liquids with high difference in viscosity and/or density and to obtain a significant particle size reduction for emulsions and particles leading to a more stable final product.



BOD REMOVAL

The wastewater from food and beverage operations is unique and often contains high levels of BOD, biological oxygen demand. High levels of BOD in the wastewater can put excessive demands on municipal wastewater treatment facilities. In turn, many municipalities are putting that burden back on the food and beverage processors in high surcharges and restrictions on output.

Carotek offers solutions that are a lower cost alternative to other conventional wastewater treatment options and requires much less real estate.



WASH DOWN EQUIPMENT

Carotek offers exceptional washdown solutions made with premium, high-quality parts designed to withstand your most challenging applications. We can supply your needs for mixing unit hose stations, hoses and hose reels and spray nozzles.



STEAM & HOT WATER

Carotek can supply your steam, hot water, condensate systems, pressure boosters and controls. We also offer steam trap and machine health monitoring with battery less sensors that use only harvested energy.

Our detailed plant utility assessments, thermal audits and steam trap surveys can reveal opportunities for energy savings, decarbonization and reliability improvements.



CONTROL PANELS

Carotek offers control panel fabrication, as well as system integrations for food and beverage processes that have sanitary requirements. Control panels and PLC control cabinets are fully customizable according to your specifications. We design, fabricate, develop software and assist with system startup.



	NC	SC	VA	GA	TN
SANITARY PROCESS INSTRUMENTATION					
Endress+Hauser 	●	●	●	●	●
	●	●	●	●	●
Eurotherm. <small>by Schneider Electric</small>	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●			●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
SPECIALTY VALVES					
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●			
	●	●	●	●	●
	●	●	●		
				●	
WASH DOWN EQUIPMENT					
	●	●	●	●	●
	●	●	●	●	●
	●	●	●		●
FOOD GRADE PUMPS					
	●	●	●	●	
	●	●			●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
				●	
				●	
FILTRATION					
	●	●	●	●	●
				●	
				●	
	●	●	●	●	●
MIXERS					
	●	●	●	●	●
BOD REMOVAL/WASTEWATER MANAGEMENT					
	●	●	●	●	●
STEAM, HOT WATER AND THERMAL					
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	●
CONTROL PANELS AND PROCESS SKIDS					
	NATIONWIDE				



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