



Instrumentation

Specialty Valves

Pumps

Filtration

Mixing & Blending

CIP Systems

Wash Down Equipment

Steam & Hot Water

Control Panels

Process Systems

*The
Power of
Solutions*



CAROTEK®

a SunSource Company

Sanitary Process Equipment

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



Carotek understands that process integrity, compliance, and product reliability are basic prerequisites. 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 standards, increase product quality and consistency and enhance the efficiencies of your process.

Whatever your needs, let **CAROTEK®** help!

Contact Us Today!



carotek.com

704.844.1100

Instrumentation

Carotek offers a variety of specialized instrumentation product lines that cater to the 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 required 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 industry with required 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.



Pumps

Pumping Equipment Solutions are critical to this industry for product manufacturing. Carotek has various technologies that solve these challenges including centrifugal and positive displacement to specialty pumps and vacuum pumps carrying certifications such as EHEDG, 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**. Choose from technologies such as cartridge, discs, sheets, and backwashing.



Mixing & Blending

Carotek offers a full line of mixing & blending equipment that is ideal for the food, chemical, cosmetic, and pharmaceutical industries. We have a wide range of hygienic agitators using mag-drive, side-entry, or vertical technology. Use our shear mixers for vertical, in-line, and tank bottom applications. Take advantage of our sanitary blenders for mixing liquid-to-liquid and solids-to-liquids where the solids could be crystals, granules, or powder.



CIP Systems

Carotek offers optimal CIP cleaning systems for food processing, dairy, chemical and pharmaceutical industries. Clean in place systems are customized to each industry and need and are available as automatic or manual, static or mobile CIP systems.



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. We can also provide complete turn-key high efficiency hot water washdown systems.



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 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.



Process Systems

Sanitary Process Systems for liquids and solids including Mixing & Blending, CIP, Product Recovery, Heat Treatment, Tanks, Solids Handling, Valve Manifolds, and Turn-Key Processing Skids.



	BRAND NAMES	LOCATIONS				
		NC	SC	VA	GA	TN
Sanitary Process Instrumentation	Endress+Hauser 	✓	✓	✓	✓	✓
	 ASHCROFT®	✓	✓	✓	✓	✓
	 HARDY PROCESS SOLUTIONS Measurement • Automation • Productivity	✓	✓	✓	✓	✓
	 VAISALA	✓	✓	✓	✓	✓
	 K-PATENTS® PROCESS INSTRUMENTS	✓	✓	✓		
	 THERMON	✓	✓	✓		✓
	 WATLOW® Powered by Possibility	✓	✓	✓	✓	✓
	 BOREAL	✓	✓	✓	✓	✓
	 Dräger	✓	✓	✓	✓	✓
	 H scientific	✓	✓	✓	✓	✓
	 HAM-LET® ADVANCED CONTROL TECHNOLOGY	✓	✓	✓	✓	✓

Specialty Valves	 ASCO®	✓	✓	✓	✓	✓
	 DFT® INC.	✓	✓	✓	✓	✓
	 EVOGUARD	✓	✓	✓	✓	✓
	 FLOWSERVE Kammer Control Valves	✓	✓	✓		
	 OSVF FLOW CONTROLS	✓	✓	✓	✓	✓
	 QTRCO	✓	✓			✓
	 TRU-FLO Valves & Automation	✓	✓	✓	✓	✓

Wash Down Equipment	 Armstrong®	✓	✓	✓	✓	✓
	 Strakman® PROCESS VALVES	✓	✓	✓	✓	✓
	 GRUNDFOS	✓	✓	✓		
	 MAXIMIZER® Energy Reduction & High Efficiency Water Heating SYSTEMS	✓	✓	✓	✓	✓

	BRAND NAMES	LOCATIONS				
		NC	SC	VA	GA	TN
Pumps	 VIKING PUMP® HYGIENIC	✓	✓	✓	✓	✓
	 WILDEN®	✓	✓	✓		
	 ALMATEC®	✓	✓	✓		
	 UNIBLOC Hygienic Technologies	✓	✓	✓	✓	✓
	 FLOTRONIC ONE-NUT® PUMPS					
	 Elmo Rietschle	✓	✓	✓	✓	✓
	 iNOXPA®	✓	✓	✓	✓	✓

Filtration	 EATON Powering Business Worldwide	✓	✓	✓	✓	✓
	 Donaldson Filtration Solutions				✓	
	 CAROTEK® FILTRATION SOLUTIONS	✓	✓	✓	✓	✓

Mixers	 iNOXPA®	✓	✓	✓	✓	✓
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Process Systems	 iNOXPA®	✓	✓	✓	✓	✓
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Steam, Hot Water & Thermal	 Armstrong®	✓	✓	✓	✓	✓
	 everactive	✓	✓	✓	✓	✓
	 Shannon GLOBAL ENERGY SOLUTIONS	✓	✓	✓	✓	✓
	 CAROTEK® STEAM SYSTEM AUDITS	✓	✓	✓	✓	✓

Control Panel & Process Skids	 CAROTEK®	NATIONWIDE				
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Your Process Equipment
Distributor & Fabricator!

Contact Us Today!

