



Liquid Quality and AutoSampling Solutions

Simplifying the automated sampling
and quality measurement of your
liquids pipelines



Customizable Liquids AutoSampling Solutions

AUTOSAMPLING STATIONS

AutoSampling Stations are key components of liquids pipeline systems – allowing operators to automatically collect representative samples from a shipment of the fluid as it flows through the pipeline. Autosamplers, weigh scales, flow controls, and various measurement devices all need to work together to measure the properties of the fluid and then communicate that back to operations.



Overview

Spartan Controls has decades of experience providing pipeline companies with autosampling solutions that are tailored to their project requirements. We represent a number of best-in-class technologies, including process measurement and control solutions from Emerson, and AutoSamplers from KPS. These components are combined with locally manufactured mechanical components at our Calgary Solutions Centre which is a 140,000 square foot facility dedicated to manufacturing our solutions.

- Differentiated, Industry-leading technologies
- Digitally connected for alarming, record keeping, data tracking, regulatory reporting, and remote serviceability.
- Our team is equipped to handle pipeline operators' autosampling needs with successful deployment of solutions in real-world autosampling projects.
- Components are inherently designed to work together and with systems/software higher up in the data ecosystem – the power of Emerson, and the value of the data.
- We have a long history of manufacturing solutions and have invested to be able to support the markets that we serve.



Station Features

Spartan's AutoSampling Solutions leverage Emerson's industry-leading suite of industrial automation products, and KPS's best-in-class autosamplers.

Key Features



Complete Turnkey Solution



Designed to Integrate Seamlessly into Larger Facilities



Complete Fabrication & Testing at Spartan's Calgary Solutions Centre



Low Maintenance Requirements

- Process fluid is pumped through the AutoSampling solution. The process fluid passes through various measurement devices which record the physical properties of the fluid.
- The fluid also passes through an autosampler which intermittently withdraws small volumes of the fluid and sends them to sample cans so that they may be analyzed later at a lab facility.



Calgary Solutions Centre Capabilities



PROVEN EXPERTISE

Our application specialists, solutions architects and subject matter experts are professionally trained, experienced in their fields, and will collaborate with your team to ensure the success of your project.



PRODUCTIVITY

Our focus on seamless internal processes allows us to deliver quality products and services quickly and efficiently.



PROJECT MANAGEMENT/SINGLE POINT OF CONTACT

Our single point of contact philosophy reduces cost, improves the Customer experience and allows us to quickly apply solutions and services to meet your automation challenges head-on.



PRO™ SERVICES

Spartan focuses on performance, reliability, and optimization (PRO) initiatives that support the core areas of your business such as safety, environmental impact, production, reliability, efficiency and compliance.



MULTIPLE PRODUCT SUPPORT

Through your single point of contact, you have access to our full product offering and complete technical support.



ONE PURCHASE ORDER (ONE PO)

One PO means improved lead times, less handling and significant cost savings for you.



SUPPLY CHAIN MANAGEMENT

We offer material management with a focus on meeting your needs and requirements.



Experience Industrial Innovation



Call us or request a quote online 24/7

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