

ANALYTICAL SALES
AND SERVICE

Kitting and Manufacturing



ANALYTICAL SALES
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Call Now for Quote: 409-724-2303

✉ sales@analyticalsalesservice.net
🌐 analyticalsalesservice.net

📍 412 N. Memorial Hwy
Nederland, TX 77627

PRESSURE & TEMPERATURE CONTROL

ASHCROFT
Trust the shield.®



KEEP CRITICAL EQUIPMENT AND PROCESSES UP AND RUNNING

PRESSURE

Reliable and accurate pressure measurement and control for nearly any application, environment, or budget.

- Pressure Gauges
- Differential Pressure Gauges
- Diaphragm Seal Gauges
- Pressure Switches
- Siphons, Snubbers, Dampeners
- Indicating Transducers
- Maximum Indicating Pointers
- HF Acid Leak Detection Gauges
- Watertight & Explosion Proof Options
- High-Temp and Corrosive Service
- 0-100,000 PSI Options

TEMPERATURE

Accurate and easy-to-read temperature measurement for just about any temperature range and application.

- Temperature Gauges
- Temperature Switches
- Multi-point Temperature Sensors
- Dual Sensor Thermometers
- Gas Actuated Thermometers
- Thermocouples/RTDs
- Thermowells
- Duratemp Thermometers
- Various Temperature Range Options
- 2", 3" or 5" Dial Options for Easy Readability
- +/- 1% Accuracy to ASME B40.3 Standard

SERVICES

Calibration and certification services to the most stringent standards for consistent operational performance.

- Accredited Calibration Services
- Annual Certification Services

OTHER SERVICES—

- Fully Insured Custom Fabrication
- Rental Tools

INVENTORY SERVICES—

- On-site VMI and Consignment
- Off-site Inventory Mirroring

Largest Available, On-hand Inventory in the Golden Triangle!

The most focused, nimble, easy-to-work with, local, and family-owned business that delivers the most trusted pressure and temperature products and solutions designed to maximize your production performance, safety, and control.



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SAMPLE CYLINDER ASSEMBLIES



FOR LIQUID AND GAS QUALITY CONTROL.

EXTRACTION

Safe and effective options for extracting field or facility-based liquids or gasses for storage, transportation, or analysis.

CONTAINMENT

Proven solutions to ensure secure capture and storage of liquids and gasses for transportation or analysis.

TRANSPORTATION

Have safe, secure handling and shipment of sampling liquids, or gasses that protect the people and the environment.

Why Do You Need Our Sample Cylinder Assemblies?

In a nutshell to increase the safety, speed, effectiveness, and quality of your production environment.

Our great selection of sample cylinders meet or exceed industry standards for handling of pressurized liquids and gasses that protect people and the environment.

Analytical Sales and Service is your single-source for high-quality and cost-effective liquid and gas quality control.

Why You Need to Get Your Sample Cylinders from Us!

- Local inventory, parts, design, manufacture, and testing (incl. DOT)
- Fast, thorough periodic maintenance and documentation processes
- Our Sample Cylinder Cleaning Stations ensure constant accuracy
- Eliminate sample cylinder failure with our testing services
- We make and deliver every cylinder to your exact specifications and requirements, every time

CHARACTERISTICS

- Internal neck formed for easy cleaning
- Heavy wall neck to prevent splitting/flaring
- Combination Valves
- Stock 300 & 500 Stainless
- Alta Robbins valves protect from over torquing
- Personnel and environmental safety with our custom PELICAN transportation case options

FEATURES

- Body made of seamless Stainless or Monel 400
- Aircraft quality NPT threads
- Sizes from 40cc to one-gallon internal volume
- Any sampling valve brand of your choice
- Outage tubes cut to your exact specification

SPECIFICATIONS

- Built to DOT-3E requirements 49 CFR Part 178
- DOT-3E cylinders test to 5/3x working pressures
- Continuous burst testing every 500cc cylinders
- 1000cc cylinders manufactured under SP-16195
- Rupture disk from 1900-2850psi or PRV options
- Sulfur inert coatings of your choice



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PUMP-UP CAN ASSEMBLIES



ANALYTICAL SALES
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FOR INCREASED PRODUCTION PERFORMANCE AND CONTROL.

NEW CONSTRUCTION

Fill instrument wet legs, pressure, or flow impulse lines with the right fluids during start-up and commissioning.

MAINTENANCE

Unplug or fill instrument taps and root valves on flow, level, or pressure transmitters with oil, glycol or other fluids.

TROUBLESHOOTING

Identify and clear voids, blockages, leakage and freezing issues before they become an operational problem.

Why Do You Need Our Can Assemblies?

It's really simple. To speed up and lower the cost of startup and commissioning activities, turnaround projects, and to empower refinery and chemical plant instrument and decontamination teams.

Analytical Sales and Services creates each Can Assembly to your exact specifications to ensure you get the job done, to protect expensive equipment and to maintain operator and operational safety.

The Benefits of Our Can Assemblies!

- Unplug bleeders days before shutdown/turnarounds.
- Instrument personnel can fill wet legs and blow in and clear plugged lead lines on Differential Pressure Transmitters.
- Change barrier mediums to match your processes.
- Unplug plugged bleeders and taps "on the run."
- Lower labor cost and time associated with traditional steam hose applications.

PRODUCT CONFIGURATIONS:

Pump Can, Variation (NED-15050A) | Pump Can, Instrument, w/o Stingers (NED-15050A1) | Pump Can, Decontamination (NED-15050A2)



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HOSE EXPERTS



ALL METAL, POLYCORE, SINGLE/DOUBLE-BRAIDED AND RUBBER HOSES

Each designed to improve operational performance and lower cost.

CONTAINMENT

Dependable hose and flexible tubing options for safely containing industrial or facility-based gas, vapor, or liquid.

SAFETY

Proven solutions to eliminate costly failures and dangerous leaks that can result in harm to people or facilities.

MEDIA HANDLING

Secure handling of all types of gasses, vapors, or liquids to increase production capability and product quality.

What Are Your Application Needs?

To enhance operational performance, increase safety and controls while lowering production cost.

Analytical Sales and Service delivers high-quality, cost-effective, expertise on system compatible hoses.

We eliminate harmful environmental and safety-related issues. Give us a try, you won't be disappointed.

Why You Need Our Hoses and Tubing!

- Local, on staff hose experts
- Local design, manufacturing, testing, and visual assessment
- Custom hose options to meet every specification
- Manufacturing date and full tagging/labeling for every product
- Hose test reports insure capability and increased confidence
- Rigorous attention to correct application, planes, radius, visual assessment, and maintenance inspection for the best performance

APPLICATIONS

- Dynamic and Static
- Gas permeation
- Steam, natural gas, oxygen, and nitrogen
- All types of temperatures and pressures
- Harsh and high-vibration environments
- Eliminate entrapment

FEATURES

- Protection: sleeves, outer covers, guards, fire jackets, and thermal shields
- Carbon black filled/impregnated options
- Convoluted for drain ability
- Backed by local hose advisors with a combined 100 years of application knowledge and experience
- Custom length hoses for every application/need
- Oxygen cleaned

SPECIFICATIONS

- Hose sizes from 1/16" to 20"
- Single/Double-braided reinforced options
- Metal core, poly, nylon, PTFE core, rubber core options for standard or specific uses
- Stainless Braided 304, 316, 316L, and Monel reinforcement
- A great number of connections and options available to suit your needs



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FILL CART ASSEMBLIES



PROTECTING SEAL AND UNIT PERFORMANCE

EASY TO USE

Keep unit production optimal with easy refilling of pressurized seal reservoirs and barrier fluid systems.

OPTIMAL SEAL & UNIT

Ensuring optimal seal and pump performance through properly filled barrier fluid systems.

SAFE

No unwanted liquid releases and operator safety through our integrated check valve capabilities.

Why Our Fill Carts?

- We offer repairs and preventative maintenance programs.
- Our fill carts are safer and more reliable.
- We provide easy-to-use and effective lubricant and liquid handling, saving you thousands per year in maintenance-related cost due to failure or operator error.
- You keep your operating environment operating at its best by keeping seals and barrier fluids topped up, clean, and doing their job as designed.
- Our fill carts stand out for their performance, reliability, and cost effectiveness as compared to other options.
- Our **no-flat tires** mean you never have an “uh, oh moment”.
- Ours are simply the best!

The Benefits of Our Fill Carts!

- Locally built, repaired, and local parts inventory
- Annual Preventative Maintenance Options
- Annual Inspection and/or Certifications available
- 30 and 60 gallon tank or 55-gallon drum supply reservoir options
- Inject new fluids at pressures from 50 to 1500 psi
- Rugged construction, a steel wagon with **no-flat tires**
- Reliable mechanical hand pumps, single or dual options
- Multiple check valves installed for operator safety
- Available with keyed quick connects prevent operator error
- Retractable hose reels for hose management and maintenance
- Multiple barrier fluid and medias (ex. DuraClear, Crystal 7)
- Deluxe model has grease fittings on every wheel
- Pivoting back wheels make for easy maneuvering
- Strong handles that stand up to severe and harsh use
- 24/7 troubleshooting options
- We repair existing carts, too!



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GO Regulator Continuous Supply Switching Systems



GO COM-2P



GO COM-2B

ENSURING CONTINUOUS AND PREDICTABLE GAS SUPPLY

HIGH-QUALITY

Every switching changeover regulator system is constructed of high-quality materials and suitable for each specific application.

HIGH-PERFORMANCE

Every regulator product has been field tested and proven for effectiveness, safety, environmental, and reliable performance.

SEAMLESS SUPPORT

Our precision products, selection, and ongoing support expertise keep your operations performing at their best.

Highly Sensitive Pressure Regulators for Just About Every Need!

GO COM-2P Crossover

- Two single-stage regulators
- Single easy-to-mount body
- Primary/secondary regulators with common outlet port
- Allows non-stop gas delivery and eliminates analyzer upsets
- +/-0.01% pressure variance
- Inlet pressures to 6000 psig
- Outlet pressures 0-250 psig
- Crossover pressures 10-250 psig
- 1/4" FNPT connections and reducers
- Stainless steel, brass, MONEL, and INCONEL diaphragm options
- Seat materials

GO COM-2B Changeover

- Smaller compact design
- Two single-stage regulators
- Single line regulator for supply
- Ensures no pressure change during source depletion
- Easy manual adjustment as needed
- For cylinder change during operation
- Stainless steel, brass, and MONEL
- +/-0.01% pressure accuracy
- Changeover pressures 10-250 psig
- Cv coefficients: 0.025, 0.06, 0.2, 0.5
- 20 micron inlet filters
- PTFE-lined INCONEL diaphragm
- Seat materials
- Inlet pressures to 6000psi

Ensuring Performance

- Local inventory and immediate swap
- Maximize reliability in all applications
- Supporting up to 6-pack of bottles
- Modular designs for multiple panel configurations
- Tailored to desired supply flow rate, system compatibility, and all requirements
- Maximize gas usage and minimize single cylinder or 6-pack bottles
- Cost-effective options for just about every budget
- Local, on-site support always available



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Stainless & Specialty Tubing



HIGH QUALITY, HIGH PERFORMANCE TUBING PRODUCTS.

BROAD APPLICATION

Tubing solutions for oil and gas, petrochemical, power generation, high purity, marine and renewable energy.

BEST IN CLASS SERVICE

We're a top-tier supplier focused on meeting your objectives with great customer service every step of the way.

CUSTOM OPTIONS

Tubing Material Testing Reports (MTRs) available. Domestic and import material options for every budget.

Tubing Products for Just About Every Need!

Specialty Alloy Options

- Alloy 20 Tubing
- Alloy 2507 Super Duplex Tubing
- Alloy 254 SMO (6-moly) Tubing
- Alloy C276 Tubing
- Alloy 400 Tubing
- Alloy 600 Tubing
- Alloy 625 Tubing
- Alloy 825 Tubing
- Alloy 904L Tubing

Stainless Steel Options

- 304/304L Tubing
- 316/316L Tubing
- 317L Tubing
- Seamless Metric Tubing
- Coiled Stainless Tubing
- Oxygen Cleaned & Capped Tubing
- Electropolished (EP) Tubing
- SilcoNert 2000 Coated Tubing
- High-Pressure Fluid System

Standard Seamless

Imperial (in) and Metric (mm) Sizes
Medium, High, and Ultra-High Pressure

Grade	OD	Wall
304/304L	.125-5.00"	.010-.375"
316/316L	.063-4.00"	.010-.375"
317L	.125-1.00"	.028-.134"

Supported Industry Standards: ISO Certified Mill Sources, ASTM/ASME, CGA, NORSOK, NACE, and DFAR



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Buffer Pack Solutions

Our buffer solutions allow you to adjust your testing system to precisely measure your samples' unknown pH. You can feel more confident about accuracy with a choice from our selection of high-accuracy pH buffers, reference fill solutions, solution packs, and pH value buffers

Precise Calibrations

Buffer solutions help you calibrate pH instruments to ensure accuracy.



Verified & Reliable

Each batch is verified at an independent laboratory to ensure buffer solution accuracy.



Traceable to NIST Standard

All solutions are traceable to NIST standard reference materials.



Bundle and Save More

Convenient buying options to meet your specific needs and budget.

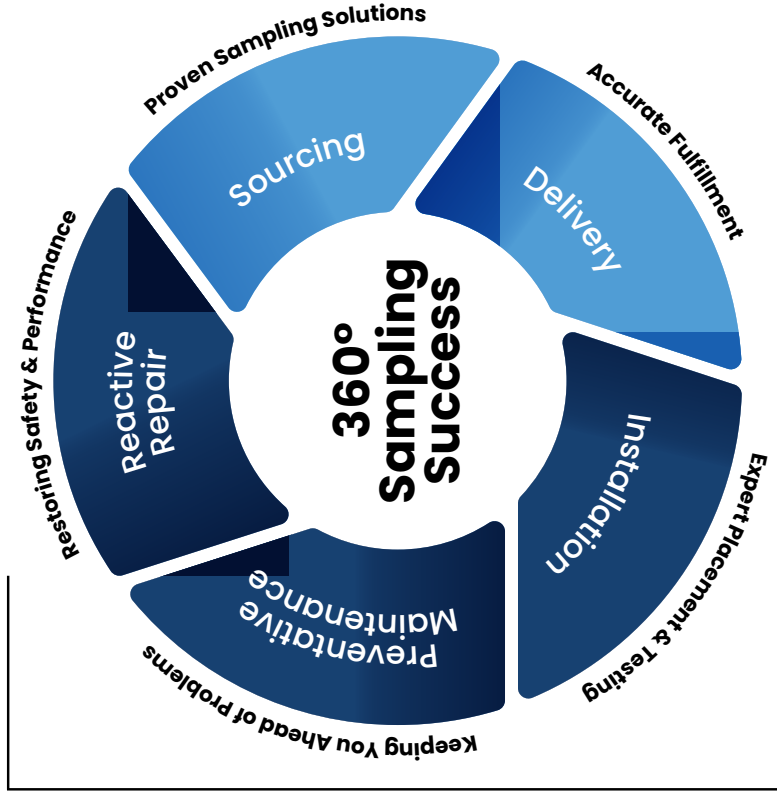


Call to place your order!
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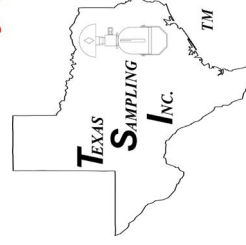


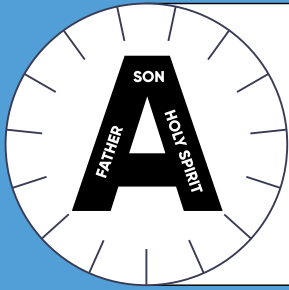
On-Site Services, Expertise, Skills,
Knowledge, Methods and Processes
that Enable Operational Safety,
Predictable Production Control, and
Environmental Compliance.



**ANALYTICAL SALES
AND SERVICE**

Peace of Mind, End-to-End
Comprehensive Customer Support from
Requirements, Application Walkthrough,
Design, and Engineering
Fully Supported by Crane.





ANALYTICAL SALES AND SERVICE



Please call us for
all of your kitting
and manufacturing
needs and I'll be
sure to make it
happen.

Chris LeMoine

CEO & President
Analytical Sales & Service



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