# ALBERTA DIRECTORY OF AUTOMATION

Carbon Capture Nuclear Measurement CCUS Wastewater Solar SMR Research (NNOVA) ENER(

Technology Electricity SUSTAINABILITY OIL and GAS Construction Industry Petrochemical

## NOVATION GLOBAL AUTOMATION NERGY TRANSITION LBERTA Mireless HYDROGEN Bio-Diesel

Bio-Diesel Acrospace ISA Control systems Manufacturing Forestry PULP&PAPER Fuel AEC Transport EDMONTON

ROBOTICS system integrator RENEWABLE ISA Alberta Directory Mentorship natural gas

*Chemical* Emission CALGARY 29th Edition

2022 | 2023

Methane LEADERSHIP certification HOT PROCIESS LIMATE energy Steam CLEAN Section Society Resources Standards UTILITY DEDICATED Teamwork CRESources LOW CARBON





International Society of Automation Calgary Section



International Society of Automation Edmonton Section

## isaalbertadirectory.ca

# **ALBERTA** Directory of Automation

- 1 Table of Contents
- 3 Membership Benefits
- 4 ISA Edmonton Section President's Message
- 5 Edmonton Board Members 2022 2023
- 6 ISA Calgary Section President's Message
- 7 Calgary Board Members 2022 2023 Suppliers & System Integrators
- 9 Feature Ads in Online PDF
- 12 Index of Ads
- 13-42 Advertiser Display Ads





ISA Edmonton Section 607 Twin Brooks Bend NW Edmonton, AB T6J 7B8



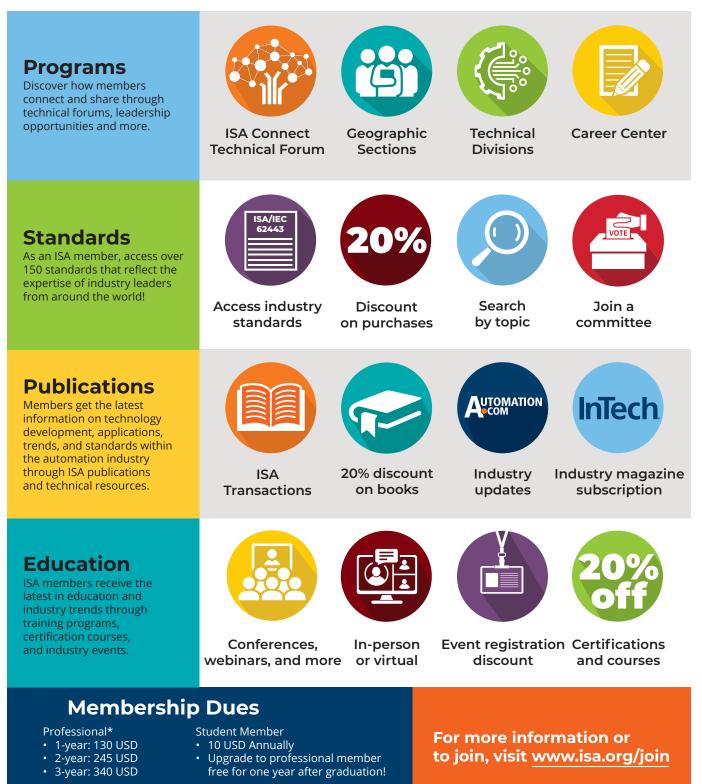
ISA Calgary Section PO Box 38183 RPO Country Hills Calgary, AB T3K 5G9



The Alberta Directory of Automation is published by Execu Graphx Inc. in cooperation with the ISA Edmonton Section and ISA Calgary Section. All rights reserved. Reproductions in whole or in part without prior written permission is prohibited. Address correspondence to: Execu Graphx Inc., #126, 150 Chippewa Road, Sherwood Park, Alberta Canada T8A 6A2 Ph: 780.467.6729 Email: info@execugraphx.com



## **ISA Membership Benefits**



\*Reduced dues eligible in some countries.

60-0422



I'm lucky enough to land my presidency post pandemic as I think we're all suffering from a severe case of virtual burnout. This gives me a unique opportunity to reinforce why ISA matters to me - the people. This time around, let's not underestimate the value of attending events in person.

Kicking off with our inaugural Industry Advisory Council Meeting in September and building from here... stay tuned for more information about upcoming Technical Talks & Tours. The climax? AEC 2023 - step back in!

In addition, I'd like to highlight that Marty Bince, a past ISA Edmonton board member and current ISA Calgary board member, is the 2023 ISA HQ President starting in January.

Finally, a big thank you to our sponsors, our volunteer board and our members.

Do you want to get involved or have ideas on how we can improve our Section?

Let's chat.

Aaron Boser ISA Edmonton Section President President Aaron Boser aaronb@nait.com

Past President Allen Brennan allen.brennan@weidmueller.com

President Elect (Interim) Shreya Nandiraju

Honors & Awards Chairperson Allen Brennan allen.brennan@weidmueller.com

Section Delegate Allen Brennan allen.brennan@weidmueller.com

Secretary Meenal Mishra

Treasurer Katie White

Communications Director TBD

Professional Development Director Kelly Wolf kelly.wolf@enbridge.com

2023 AEC Expo & Conference Director John McKenzie john@aecalberta.ca

2023 AEC Expo & Conference Co-Director/2024 Director Elect TBD

Membership Director Sam Zilka zilka.sam@spartancontrols.com

Marketing Director TBD

Program Director Derek Green

Program Director Andrew Worthington andrew.worthington@swagelok.com

Standard & Practices Chair Wally Ingham wally1234ingham@gmail.com

Directory Editor Jackie Christensen jchristensen@intrepid-group.ca

ISA Job Board Liaison Lynn Kurach lynn@lpkurach.com Database Coordinator Open

District 10 Liaison Allen Brennan allen.brennan@weidmueller.com

ASET Liaison Open

APPEGA Liaison Arthur Kloc arthur.kloc@jacobs.com

Historian Open

NAIT Student Section Advisor Ana Stefanova anas@nait.com

NAIT Student Section Advisor Mark Preiss mpreiss@nait.ca

U of A Student Section Advisor Rafiq Ahmad rafiq.ahmad@ualberta.ca

U of A Student Section Executive TBD

Student Section Liaison Ana Stefanova anas@nait.com

Industry (System Integrator) Liaison Open

Analysis Division Liaison Open

Water & Waste Water Division Liaison Wally Ingham

Youth Outreach Liaison Dave Robinson drobinson@summitvalve.com

Members at Large Jeff Gould jeffpgould@gmail.com Lorne Brackenbury brack1950@gmail.com Jothi Keerthi eiekeerthi@gmail.com Senad Hadzic senad.hadzic@westech-ind.com

ISA Edmonton Section Administrator Andrea Gould Ph: 780.669.9708 admin@isaedmonton.org



On behalf of the ISA Calgary Section, I would like to welcome you to the 29th Edition of the ISA Alberta Automation Directory Technical Handbook for 2022–2023.

The ISA Alberta Directory of Automation is both in-print and online. It is a comprehensive resource for finding instrumentation, systems and automation suppliers serving the Alberta market.

Key features of the customized and interactive website include:

- Expanded Supplier Profiles
- Advanced Search Features
- News, Announcements, Feature Companies and Feature Products
- · Responsive Web Site Design

I would like to acknowledge and take a moment to thank all ISA members for supporting local sections. As well, if you are interested in becoming an ISA member, I encourage you reach out to one of our board members and ask questions regarding ISA specifications and standards, ISA publications, ISA web seminars and training, industry networking events, and local section technical programs.

Our primary means of communicating to our members are through the following platforms:

"Trend", our e-newsletter	<ul> <li>includes events planned for this year and other features like photos from recent events, recognition of new members, and upcoming education courses. The ISA Calgary Section will continue to publish the monthly "Trend" from September to June.</li> </ul>
ISA Calgary Section webpage	<ul> <li>includes local event schedules and registration, industry news and website links, access to this directory, and our contact information.</li> </ul>
ISA Calgary Section LinkedIn	- latest news and updates on past, current, and upcoming events.

We hope you find this directory resourceful! Please contact your local section executives if you would like to provide feedback on the directory or any other matters related to ISA. New volunteers are always welcome!

On that note, special thanks to all our current volunteers, members, and corporations that help make the ISA Calgary Section a success. I look forward to seeing many familiar faces, as well as some new ones at our events this coming year!

Jasmeen Virk President – ISA Calgary Section President Jasmeen Virk Ph: 403.695.2431 Virk.Jasmeen@spartancontrols.com

Vice President Jared Seufert Ph: 587.581.0693 jared@altomaxx.com

Past President Mark Tarrant Ph: 403.284.8157

Ph: 403.284.8157 mark.tarrant@sait.ca

Treasurer Sarmad Ali Ph: 403 .463.9844 Sarmad.Ali@Honeywell.com

Secretary

Open

## Membership

Gary Fraser Ph: 403.702.2429 piperconsultinginc@shaw.ca

Armaghan Yusuf Ph: 587.585.2228 armaghanyusuf@shaw.ca

#### Program

Susan Rathgeber Ph: 403.837.0926 isacalgary9@gmail.com

Awards

Open

Trend Editor / Section Delegate

Brent Rathgeber Ph: 587.774.2409 brent.rat@telus.net

Mike Iuliano Ph: 403.695.2720 iuliano.michael@spartancontrols.com Certifications / Training Open

Cybersecurity Open

## AB Directory

Gerald Desrochers Ph: 403.461.5091 Gerald.Desrochers@totalcsg.com

AB Directory

Jackie Christensen EDM Directory Liason jchristensen@intrepid-group.ca

ISA Standards and Practices Phil Evans

Ph: 403.975.3982 evansp@shaw.ca

Construction & Design Division Phil Evans Ph: 403.975.3982 evansp@shaw.ca

Scholarships Ian Verhappen Ph: 403.999.1373 Ian.Verhappen@willowglensystems.com

2023 ISA HQ President Marty Bince Ph: 587.984.5106 mebince@gmail.com

SAIT Student Liason Mackenzie Tivendale mdtivendale@hotmail.com

Office Manager

Susan Rathgeber Ph: 403.837.0926 isacalgary9@gmail.com

## WEBSITE ADD ON's

Available to current Directory Advertisers only.



Company logo linked to your company proÿle Tracking statistics available <u>Yearly subscription</u> - Sept. to Sept.

\$ 600/yr Maximum of 28 spots available

## **2** PREMIUM AD PACKAGE

Includes Top Page Banner, Bottom Page Banner, & Side Box Ads

Ads rotate throughout all pages Tracking statistics available <u>Yearly subscription</u> - Sept. to Sept.

\$ 2,400/yr



Ads rotate throughout all pages Tracking statistics available <u>Yearly subscription</u> - Sept. to Sept.

\$ 1,200/yr



Call **587-200-1520** for more information on adding Website Ads to your advertising package!

# **ALBERTA** Directory of Automation

Feature Ads



Creating a Sustainable Modern World with Innovative Automation



## WORLD CLASS EQUIPMENT POWERED BY PASSIONATE PEOPLE

At Spartan, we are committed to solving your toughest automation challenges. With 14 locations across Western Canada we have the local expertise, technologies and services to deliver success.

> For more information, contact us today! +1 (877) 278-6404 | info@spartancontrols.com



www.spartancontrols.com Calgary | Edmonton | Burnaby | Fort McMurray | Fort St. John | Grande Prairie | Midale | Prince George | Regina | Saskatoon | Whitecourt





www.shop.micacontrols.com

Check stock, lead times, place a quote and order online!

403.450.7517













CONTROLS LTD.

6	
11111111	TOSIBOX
	0097 WA
	Co
	P 001- 01-
	001-01- 001-01-
	Se an
	1
	8 <b></b>
	E
	- 🚼 - 🗄 運 🖉
9	
36	

Lock SOO

#### A

Aircom Instrumentation Ltd. **13** Alberta Industrial Controls & Drives Inc. **14** Avensys Solutions **14** 

#### С

Cameron Instruments Inc. Cancoppas Limited Carbon Controls Ltd. Caron Measurement & Controls CB Process, Instrumenation and Controls CD Nova Instruments Ltd. CENTRIX Control Solutions CGIS **18** CIDRA Oilsands Ltd.

#### D

Davis Controls **20** Delpro Automation Inc **20** 

#### Ξ

E.B. Horsman & Son 22 Edmonton Valve & Fitting Inc. 35 Endress + Hauser Canada 21 Envent Engineering 22

G G.S. Hitech Controls Inc. 22

#### H

HCS - Heaters, Controls & Sensors Ltd. 24 Hy-Lok 24

Intrepid Group Ltd. 24

#### Κ

Kentron Systems Inc. 25

#### L

LCO Technologies **25** Link Industrial Technologies Ltd. **26** 

#### Μ

Magnetrol International Ltd. 26 McAdoo Flow-Systems 27 McMath Controls & Automation Inc. 28 Mica Controls Ltd. 11 Micro-Watt Control Devices Ltd. 28 Movac Valve Systems 28 Muis Controls Ltd. 29

## Ρ

Pembina Controls Inc. 27 Peterson Instruments 30 Pickford 31 Precision Measurement Equipment Ltd. 28 Process Combustion Systems (2000) Inc. 31 Process & Steam Specialties 33 Procon Systems Inc. 32 Protek Safety & Controls Ltd. 31

## S

Shift Innovations & Controls Inc. Spartan Controls Ltd. SRP Control Systems Ltd. Superlok Canada Swagelok Calgary Swagelok Company Swagelok Grande Prairie

## Т

Telematic Controls Inc. **36** Tundra Process Solutions Ltd. **37** Twister Instrumentation & Process Solutions Inc **38** 

## V

Vanko Analytics Ltd. **39** Viking Instrument & Control Ltd. **38** 

#### W

Westech Industrial Ltd. 40 Wika Instruments Ltd. 42 WJF Instrumentation Ltd. 41

# ERTISME SUP



# We don't create the demand. We meet it.

Aircom is a company that believes meeting industry demands first requires relationships, trust, and a sense of urgency. We meet that demand with a system we call **The Aircom Way**. The result is a flexible approach that is executed by a team of dedicated problem solvers who are driven to excel.

## **PRODUCTS UNIQUE TO AIRCOM**

## MANUFACTURED PRODUCTS

- BTB Thermocouple (Tube metal temperature) Thermocouples
- Pipe Shoe Riser
- Break-To-Length RTDs & Thermocouples
- PT (Pressure/Temperature) Thermowells
- Reactor Multipoint Temperature
- Tank Gauging Multi-Point RTD Sensor
- Instrument Valves & Manifolds
- StrakeWell™ & StrakeQuill™

- Thermocouple & RTD sensors manufactured to standard or custom specifications
- Hazardous location (CSA) approved temperature sensor assemblies
- Thermowells and protection tubes (CRN Available)
- Injection quills & sample probes (CRN Available)
- Multi-point temperature sensors
- Downhole temperature sensors
- Condensate pots and sample cylinders
- Bleed & flush rings
- Stilling well and level chambers



29th EDITION



## Recognized Know-How • Proven Technologies • World Class Suppliers

info@avensys.com • www.Avensys.com • 403.266.1960 Montréal • Oakville • Sarnia • Edmonton • Calgary • Vancouver



## **Because Calibration** is a matter of Confidence

AMETEK Sensors Test & Calibration (STC) is one of the world's leading manufacturers and developers of calibration instruments for temperature, pressure and process signals serving a wide range of industries!



1.888.863.8010 | www.cameroninstruments.com info@cameroninstruments.com

f 🕑 (in Ŵ



AMETEK'



The International Society of Automation (ISA) is a non-profit professional association of engineers, technicians, and management engaged in industrial automation. As the globally trusted provider of foundational standards-based technical resources for the profession, ISA strives to build a better world through automation.



Grande Prairie, AB

## SURFMENT CONTROLS

#### Looking to Reduce your Methane Venting? We have Solutions!

#### **ELIMINATOR Solar Air Compressor**

- · Class 1 Div. 1, 12/24v DC or 120 VAC
- Produces 60SCFH @ 30psi. Uses 48Watts/Hr. @ 20% duty
- Oil less and maintenance free design. 100% duty cycle Class 1 Div. 1 controller with integrated metering
- · 100% contained compressor Contaminant free air

#### **ELIMINATOR Solar Chemical Pump**

- Class 1 Div. 1 Completely self-contained
- Injection rate 0.1L/Day to 140L/Day
- · Injection pressure up to 3000psi
- Accurate to 3ml or less
- · Ability to retrofit existing pumps to minimize costs when upgrading equipment

**Need Composite Sampling?** 

#### **TOP CUT Proportional Samplers**

- Daily and monthly pressurized samples for well and pipeline product quality analysis
- TC-100 -24hrs well test sampling 2000mL sample Jug
- TC-200 -24hrs or monthly LACT sampling with a 15psi sample canister (solar/electric drive options)
- TC-300 -24hrs or monthly high-pressure sampling with a 1800psi sample cylinder (solar/electric drive options)
- **TOP CUT Proportional Sampler Accessories**
- Static Mixer (Flanged/Threaded) Sample Ouill
- Inline Sample Probe

FULL E&I SERVICES, MANUFACTURING AND METER PROVING WWW.CARONCONTROLS.COM - SUPPORT@CARONCONTROLS.NET







# of Automation is OnLine!



- Search by Company Product, Brand or Service
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- **Conversion Tables**
- Industry Links

isaalbertadirectory.ca



29th EDITION

# **Supplier of Quality Instrumentation** & Electrical Controls

## **Electrical Control** Solutions

#### Low Voltage

 VFDs, Soft Starts, Motors • Arc Flash Solutions Software/Hardware • Line, Load & Harmonic

(Active/Passive) Filters

• Transfer Switches, Switchgear, Switchboards & Panelboards MCCs: Standard / Smart / Arc Resistive • Arc Flash Mitigation Units

#### **Medium Voltage**

 VFDs, Soft Starts, Motors Transfer Switches & Switchgear (Metal Clad or Arc Resistant) Harmonic Filter Banks, **PF** Capacitors MCCs: Standard / Arc Resistant

#### **Power Distribution**

• LV & MV Transformers: Power / Pad Mount / MultiTap



 Vacuum Compressor/VRU Applications • Methane/Oxygen Sensing Systems Biogas Monitoring Systems Field Services



Calgary Bay 203, 11979 - 40th Street SE Calgary, AB T2Z 4M3 t 403.238.9944

## Fire, Gas & **Safety Solutions**



 Combustible & Toxic Gas Detection Controllers & Accessories Flame Detectors





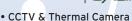
- H<sub>2</sub>S Laser Open Path Gas Detectors
- IR Point & Open Path Gas Detection
  - No Calibration Gas Detectors
    - Triple IR Flame Detectors
    - UV/2IR Flame Detectors





- Combustible & Toxic Gas Detection Controllers & Accessories
  - Flame Detectors
  - IR Gas Sensors





- Strobes/Beacons/Status Lamps
- Explosionproof & Waterproof
- ESD & Fire Alarm Call Points
- Horn/Sounder/Speakers



- Digital Display Indicators Loop Powered Displays



Edmonton Suite 33, 10215 - 178 Street Edmonton, AB T5S 1M3 t 780.482.0226

## Flow & Level Instrumentation



- Open Channel & Area Velocity Meters Doppler Transit Time Flowmeters
  - Mangetic & Sand Flow Meters Ultrasonic Level Sensors

## Turbines. Inc."

- Liquid & Gas Turbine Meters
- Low-Flow Turbine Meters
- Transmitters & Totalizers



- CRN & Custody Transfer Approvals • Ultrasonic Liquid Flow Meters
  - Helical Turbine Meters

## OleumTec

 Hardwired Instrumentation Solutions Wireless Sensor Network IIoT Transmitters

ccuDose'

- Remote Pump Station & Chemical Control
  - Lift & Pump Station Monitoring
  - Remote Cellular Internet Access

Analytical Industries Inc MICHE MEASUBEMEN

 Oxygen, H2S & CH4 Analyzers Moisture & Humidity Measurement

CarbonControlsLtd.com info@CarbonControlsLtd.com F. 403.238.9955 **TF. 1.866.7CARBON** 

## SOLUTIONS FOR **MEASUREMEN** & CONTROL



0000

## **Enabling Connectivity for the Industrial Internet of Things**



#### Industrial

- Ethernet Switches
- Wireless LAN
- Cellular
- Secure Routers
- Ethernet Gateways
- Media Converters
- Industrial Computing
- Remote Automation
- IP Surveillance

#### **Key Technologies**

STRONG: Millisecond Self-healing Recovery FAST: Up to 10GbE High-capacity Bandwidth SAFE: Complete Network Security EASY: The Most Easy to Use **INTELLIGENT: Designed for Industrial Automation TOUGH:** Industrial Proven Reliability



# ww.cdnova.com

AND ASSOCIATED COMPANIES

#210, 120 Pembina Road Sherwood Park, AB T8H 0M2 Tel: 780.417.2616 Toll Free 1.800.263.2684 instruments@cdnova.com

Vancouver | Toronto | Edmonton | Montreal | Halifax



POSITIONERS

- · Digital Hi Air Delivery Zero Bleed
- **Certified for Natural Gas**
- Highly Reliable User Friendly .
- Pneumatic Electro Pneumatic
- · General Purpose, Explosion Proof, Intrinsically Safe
- · Epoxy Coated Aluminum or Stainless Steel
- HART, Foundation Fieldbus, Profibus

#### Valve Diagnostic Software Included POSITION FEEDBACK MONITORS

- Assorted Materials
- Aluminum
- Engineered Resin
- Stainless Steel
- Assorted Switch Options
- Mechanical
- · Proximity

BEISENSORS

 Incremental Absolute **General Purpose** 

INDUSTRIAL ENCODERS

**Explosion Proof** Wireless Gray Scale SSI or

**CANBUS** Output

- Namur
- Built In Solenoid Valves





## Flow Metering

## POSITIVE DISPLACEMENT

- High Accuracy -Repeatability
- Install in any piping
- configuration Assorted Materials
- Aluminum
- Stainless Steel
- Ryton
- · Broad Range of Sizes and Flow Capacities
  - 1/4"(100 LPH) > 4" (1200 LPM)



Mississauga, ON Montreal, QC



ADDITIONAL

Vortex

Thermal Mass

Electromagnetic

**Transit Time** 

Ultrasonic

(800) 595-0514 www.cancoppas.com controls@cancoppas.com



## STR www.cbprocess.ca • info@cbprocess.ca • 1.800.992.2364 ESSED AIF $\langle \mathfrak{O} \rangle$ FIELD INSTRUMENTS R nstrumentation is our forte. We supply Pressure Temperature, Flow e focused on providing ture, Flow nent, and Lev urement product is process condit safe, comp nt thermal from com nercial **Optimizing Systems for an Efficient Future**

OIL & GAS

NGL & LNG





PETROCHEMICAL



MINING





PULP & PAPER





cgis.ca

The World's Best Valves®

POWER

Calgary | Edmonton | Fort McMurray | Prince George | Vancouver

S/

The International Society of Automation (ISA) is a non-profit professional association of engineers, technicians, and management engaged in industrial automation. As the globally trusted provider of foundational standards-based technical resources for the profession, ISA strives to build a better world through automation.





## SERVING WESTERN CANADA FOR MORE THAN 80 YEARS

## **SASHCROFT**

- Bi-Metal Thermometers
- Diaphragm Seals
- Digital Test Gauges
- Pressure Gauges



- Metal & Graphite Rupture Discs & Holders
- Rupture Disk Sensors & Monitors
- Buckling Pin Relief Devices
- Explosion Vents & Accessories

## GIVUE GE

Wafer and Lug Style
 Butterfly Valves

#### 

- Custom Metering Skids
- Flow Nozzles
- Load Racks and LACT Units
- Seal Pots

## Consolidated

a Baker Hughes business

- Pilot Operated Relief Valves
- Safety Valves
- Safety Relief Valves



- Pipe Joining Products
- Sealing and Restraining
- Fuel Gas Meters
- Positive Displacement Gas Meters

## Masoneilan

a Baker Hughes business

- Control Valves and Actuators
- ESD Valve PositionersSmart Valve Positioners
- Sillari vaive Fositioners



- Instrument Enclosures
- Instrument Valves
- Electric and Steam Contact Heaters
- Manifolds
- Monoflanges



- Coin Wedge Flow Meters
- Ellipse Pitot Flow Sensors
- Low Loss Venturi Tubes



- Flame Arresters
- Pressure Relief Valves
- Vacuum Relief Valves



- Custom Engineered
- Micro FloControl
- Specialty Control Valves



 Metal-Seated Severe Service Ball Valves

Sure Row Equipment Inc.

- Basket Strainers
- Duplex Strainers
- Y Strainers



- Air Filters and Dessicants
- Instrument Air Dryers



- Net Oil Analyzers
- Oil in Water Monitors
- Waterflood Turbine Meters



- Automated Electronic Loading Systems
- Coriolis Mass Meters
- Hydraulic Control Valves
- Liquid Turbine Meters
- Liquid Ultrasonic Meters
- Meter Electronics
- Meter Provers
- Positive Displacement Liquid Meters

## ultimo

Automated Electronic
 Non-Nuclear Density
 Meters



- Steam Traps
- Condensate Pumps
- Liquid Drainers
- Specialty Products

## **Complete Shop Repair and Field Service Capabilities**

•

As a trusted name in the oil and gas product supply industry, our technical team offers exceptional customer service and support throughout Western Canada.

- Control Valves
- Instrument Air Dryers

#### CALGARY

Unit 1A, 8515 48 St SE Calgary, AB T2C 2P8 Phone: 403.252.7651 CalgaryCCS@centrixcs.com

- Measurement Systems Support
- Steam Trap Surveys

#### **EDMONTON**

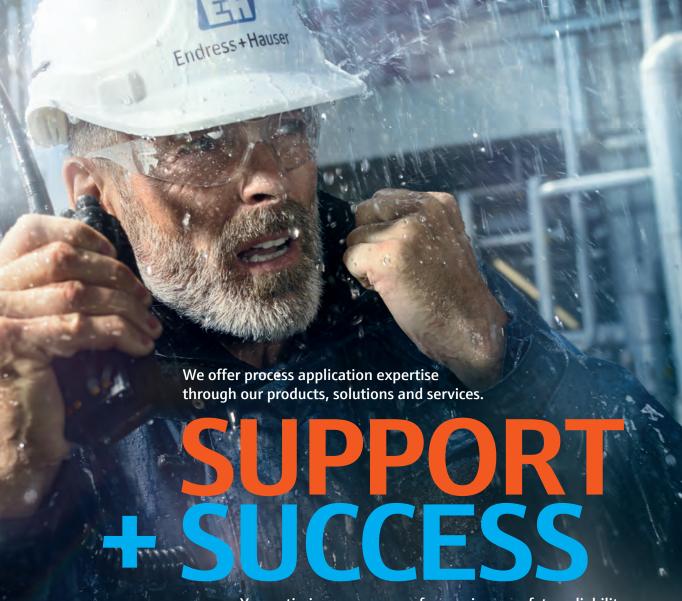
8803 58 Avenue Edmonton, AB T6E 5X1 Phone: 780.468.6950 EdmontonCCS@centrixcs.com





## centrixcs.com





You optimize your process for maximum safety, reliability and efficiency, with minimum impact on the environment.

Customers around the world trust us when it comes to process automation. Our shared goal is plant safety, availability and efficiency. We are with you every day, everywhere.

People for Process Automation





Do you want to learn more? www.ca.endress.com

29th EDITION



Envent designs, manufactures, sells, and services analytical equipment for the measurement and analysis of H2S + total sulfur, O2, CO2, moisture, gas analysis with spectroscopy and Gas Chromatography.

Check out www.enventengineering.com for more details.





www.gshitechcontrols.com

- Acid Gas Thermocouples
- Anti-Cavitation Control Valves
- Automated Isolation/Switching Valves
- Flame Scanners
- Flowmeters:



- Ultrasonic, Coriolis, Magnetic, Variable Area, Vortex, Thermal
- Primary Elements:
  - Wedge, Pitot, I-Cone, Orifice, Venturi
- Process Analyzers
- Rupture Disks
- Signal Conditioners
- Tank Vents/Flame Arrestors





Programs Discover how members connect and share through technical forums, leadership opportunities and more. **ISA Connect** Geographic Technical **Career Center Technical Forum** Sections Divisions ISA/IEC 62443 **Standards** As an ISA member, access over 150 standards that reflect the expertise of industry leaders from around the world! Access industry Search Join a Discount standards on purchases by topic committee **Publications** InTech Members get the latest information on technology development, applications, trends, and standards within the automation industry through ISA publications 20% discount Industry magazine ISA Industry and technical resources. Transactions on books updates subscription **Education** ISA members receive the latest in education and industry trends through training programs, certification courses, Conferences. **Event registration Certifications** In-person and industry events. webinars, and more or virtual discount and courses **Membership Dues** Professional\* Student Member For more information or • 1-year: 130 USD • 10 USD Annually to join, visit www.isa.org/join • 2-year: 245 USD • Upgrade to professional member • 3-year: 340 USD free for one year after graduation!

\*Reduced dues eligible in some countries.

60-0422



ALBERTA Hy-Lok Distribution Inc. 2407-96th Street Edmonton, AB T6N 0A7 Phone: 866-509-4484 info@hylok.ca

## ONTARIO

Hy-Lok Distribution Inc Unt B17. 1600 Industrial Road Cambridge, Ontario N3H 4W5 Phone: 519-653-9563 info@hylok.ca hy-Lok hylok.ca



#### Setting the Standard for Automation™

## Feed your inner genius... Join ISA today!

- Indulge in the latest technical resources
- Get substantial discounts on training
- Advance your knowledge and competency

Memership in the ISA can give you opportunities to develop leadership skills and work with some of the best automation professionals in the field. You gain exposure to the best and latest in technology, to new ideas, and to insiring people. Broaden your knowledge in automation and become a more valuable employee.



## LCO TECHNOLOGIES



Distributor of PANAM Engineers Instrumentation

High Quality, Low Cost Instrumentation

- · Manifolds, Needle Valves, Block and Bleed Valves
- · Gauge Root Valves, Tube Fittings, and Pipe Fittings

## Green Technology Innovator of The CROSSFIRE

Solar Powered Chemical Injection Pump And Instrument Air Compressor

- · Reliable, ultra-low power, and uses existing solar infrastructure
- · Replaces 4 Pneumatic pumps and eliminates methane venting







#115 1829 54 Street SE, Calgary AB, T2B-1N5 CANADA info@lcotechnologies.com www.lcotechnologies.com

19:23



Multi-tier offering in a variety of instrumentation technologies — GUIDED WAVE RADAR • THROUGH-AIR RADAR ULTRASONIC • BUOYANCY • THERMAL DISPERSION • MAGNETIC LEVEL INDICATION • MAGNETOSTRICTIVE

magnetrol.com

 Representing Magnetrol and Orion Instruments in Western Canada

 vanko.net
 (800) 307-8554
 info@vanko.net

orioninstruments.com



	flow-systems Ltd. "Your Flow Technology Experts
BROOKS NSTRUMENT	Variable area flow meters, Coriolis mass flow, thermal mass flow and pressure control technologies (pressure transmitters and more) to improve your critical processes.
FLOV/ROX Valves	The premier pinch valves (1"–40") for abrasive or aggressive media. Heavy duty & general line pinch valves. Low maintenance elastomer check valves.
LOV/ROX Pumps	Peristaltic pumps for pumping slurries, dry or aggressive media from 0-440 GPM. High efficiency PC pumps. Metering pumps with outstanding turndown.
KEY INSTRUMENTS	Key Instruments delivers that combination in our versatile line of plastic variable area oxygen flow meters. Durability is the result of precision-machined, acrylic-body blocks that can handle demanding projects and mounting panels.
A-T Controls, Inc.	Designs, develops and manufactures valves, actuators and valve control products. Manual and actuated ball valves & butterfly valves. Positioners, solenoid valves & limit switches.
	Clamp-on ultrasonic flow meters, clamp-on BTU Meters for energy, clamp-on doppler flow meters, non-invasive, no interruption to process & no downtime, wide range of portable & permanent meters for any liquid.
ASSALUB	Electronic grease meters. Pheumatic 1:6, 1:5, 1.65 grease pumps. Automated, centralized dual line lubrication systems.
R macnaught	Positive Displacement Oval Gear Flow Meters, Retracta Hose Reels and Grease / Oil / Fuel Fluid Handling Products for the Petrochemical, agriculture, automotive, chemical, industrial, general process, marine, & mining industries.

## ALBERTA . BC . MANITOBA . NWT . NUNAVUT . SASKATCHEWAN . YUKON

For effective solutions and professional service, call us or visit us via the web.

Tel. 403-547-5002 Fax 403-547-5009 macadooflowsystems.com | info@macadooflowsystems.com





# **Sight Flow Flow Rate** Indicators Indicators **Positive Displacement Turbine Flow Flow Meters** Meters

## www.muiscontrols.com

29 Riel Drive, St. Albert, Alberta, Canada T8N 3Z2 Phone 780-459-7080 Toll-Free 1-800-661-8823 info@muiscontrols.com





#123, 5655-10 street NE, Calgary, AB Canada T2E 8W7 p: 001-403-291-9169 // f: 001-403-291-0960 // e: sales@petersoninst.com

www.petersoninst.com

1-800-667-7993





Calgary 403.571.0571

FLO	OW CONTROL / VALVE AUTOMATION D	DIVISION
WORCESTER BALL VALVES & ACTUATORS	<ul> <li>◆ 3 Piece Bolted Style and Flanged valves ◆ Control Valves/Fugitive Emissions</li> <li>◆ Cryogenic/Chlorine/Steam Valves</li> <li>◆ Electric &amp; Pneumatic Actuators and Positioners</li> </ul>	Worcester Controls
RED POINT	<ul> <li>Ball, Gate, Globe, Check and Special Valves in Titanium, Nickel Alloys and (Super) Duplex</li> </ul>	Red Point
АМРО РОУАМ	<ul> <li>Ampo is able to design and manufacture high-technology valves with best performance and low maintenance costs + Cryogenic Service</li> <li>+ High Pressure + LNG + Metal Seated + Special Application</li> </ul>	() AMPO
QUADAX	<ul> <li>Four Offset Butterfly Valves. Size 2"-60" in various body materials- pressure class, trims and end connections</li> </ul>	Tour offset butterfly valves
HYTORK	Pneumatic "Rack & Pinion" Actuators For Valves	HYTORK TOPWORX
POSITION MONITORING & CONTROL	<ul> <li>Position Monitoring &amp; Control of Automated On/Off Valves</li> <li>Partial Stroke Testing</li> <li>Pneumatic, Electro-Pneumatic &amp; Digital Positioners</li> </ul>	PMV

Edmonton 780.469.6002

1.877.742.5367 www.pickford.com



## COMMITTED TO PROVIDING UNSURPASSED CUSTOMER SERVICE AND SUPERIOR PRODUCTS FOR DETECTION, MEASUREMENT AND CONTROL

PROCON is proud to be affiliated with some of the world's most recognized names in detection, measurement and control. Together, we have been meeting the demanding needs of customers around the globe. If your life or business depends on precise measurement and control, or accurate detection of potentially hazardous workplace atmospheres, you can rely on the precision instrumentation and expertise of PROCON.

Flow Products	AMITY	Venturi meters, flow nozzles, segmental wedge Venturi meters.
	KURZ	Mass flow meters; single point, in-line and multi-point insertion elements; portable air velocity meters; flow control valves for use with air, industrial gases, flue and ultrapure gases.
	PROCON	Psignature process transit-time ultrasonic flow meters for liquids, flare, gas and steam using wetted or clamp-on transducers; multi-chord ultrasonic liquid meters for high accuracy, wide ranging viscosity/high availability applications
	RHEONIK	Omega tube Coriolis mass meters, $\mathcal{V}''$ to 12 sizes, process temperatures to 350°C.
	TOSHIBA	Magnetic flow meters for water, wastewater and slurry applications.
		Multipath ultrasonic gas flow meters utilizing a patented Broadband Continuous Wave signal processing technique. The 3 path meter is ideal for difficult process applications where fast, accurate and reliable performance is required. The 4 path AGA-9 and OIML R137 compliant fiscal meters provide the same reliability and fast response with custody transfer accuracy and repeatability.
	<b>W</b> YORTEK	Precision multivariable insertion, wafer, and flanged Vortex flow meters for liquid, gas, steam and energy service. Multivariable insertion turbine flow meters for liquid, gas, and steam service. Portable and fixed installation clamp-on "transit time" ultrasonic flowmeters for liquid applications. Handles pipe sizes from 10 mm to 5 meters.
Measurement & Analytical Products	Edgetech	Industrial and lab chilled mirror dewpoint analyzers and transmitters. Process oxygen Transmitters and sample conditioning systems.
	ELECTRO CHEMICAL DEVICES	Field proven industrial analytical solutions for water industries.
	LEAKWISE	Oil-on-water sheen monitoring systems, oil thickness monitoring, wireless oil spill detection systems.
	ANALYTICAL FLOW TECHNOLOGIES	Fiscal densitometers for liquids.
	PROCON	Moisture analyzer sample conditioning systems with CRN's, moisture sensor calibration; pressure, temperature, electrical calibrations.
	<b>CRHOSONICS</b>	Ultrasonic density and concentration analyzer systems.
		Industrial aluminum oxide dewpoint analyzers, transmitters, portables and sample conditioning systems.
Intrinsic Safety	STAHL	Single and dual channel intrinsic safety barriers and isolators, Zone 1 hazardous area Remote I/O Systems.
Gas & Optical Flame Detection Products	Compared -	UV, UV/IR, Multispectrum IR5 infrared flame detectors featuring patented fire event analysis.
	SYSTEMS	Fixed gas detection transmitters and controllers for the monitoring of combustible and toxic gases. Rig Protector 4 portable area monitoring systems for toxic, oxygen and combustible gases.
		Fixed gas detection transmitters and controllers for the monitoring of combustible and toxic gases.
Sampling and Mixing Products	MAR	Static mixers to maximize contact and minimize variance; steam heaters and desuperheaters.
WIXING Products	WELKER	Gas and liquid samplers; crude oil samplers; constant pressure sample cylinders (Transport Canada approved); probe regulators: analyzer accessories; sample probes.
Rotating Equipment Controls	Energy Control	Turbomachinery control solutions; anti-surge and load sharing; steam turbine speed and extraction control; API 670 compliant over-speed prevention.
Flow Computers	SICIENTIFIC DISTRIBUTOR	Natural gas and liquid flow computers from 1 to 32 runs.
Asset Integrity Monitoring	SENSOR	Real time remote corrosion/erosion monitoring systems for piping systems and vessels.
Alarm Annunciation Products	RUTEMENTS	Fully programmable alarm annunciators; stand-alone alarm systems; signal conditioners; display fascias.





## CALL US TOLL FREE CALGARY: 1-866-455-2921 EDMONTON: 1-877-844-6665

www.proconsystems.com

A15, 6120 - 2 St. SE Calgary, AB T2H 2L8 Tel: (403) 255-2921 Fax: (403) 255-3928

6025 - 99th Street NW Edmonton, AB T6E 3P1 Tel: (780) 437-0244 Fax: (780) 438-2893 6138 Crescent Drive **Delta**, BC V4K 4B7 Tel: (604) 940-8757 Fax: (604) 940-9126 48 Dudhope Avenue **Cambridge,** ON N1R 4T5 Tel: (519) 267-3121 Fax: (519) 267-3127



**Process & Steam Specialties** 

## YOUR LEADER IN VALVES ACTUATION STEAM PRODUCTS SOLUTIONS & CUSTOMER SERVICE

FLOWSERVE	<ul> <li>Durco Plug and Atomac Ball Valves</li> <li>PTFE, PFA and PP lined products</li> <li>Automax actuation</li> </ul>
Flow+	<ul> <li>1, 2, 3 Piece and flanged ball valves</li> <li>Butterfly valves, NSF 61</li> <li>Check valves and strainers</li> </ul>
<del>O Strahma</del> n	<ul> <li>Sampling and drain valves</li> <li>Swing/Sliding line blinds</li> <li>Wash down stations</li> </ul>
	<ul> <li>Pressure and temperature gauges</li> <li>Instrument manifold and needle valves</li> </ul>
A-T Controls, Inc.	<ul> <li>Triac automated butterfly and ball valves</li> <li>Valve control and accessories</li> </ul>
Apollo Valves	<ul> <li>Brass and bronze ball valves</li> <li>Safety relief valves</li> </ul>
Fujikin	Ceramic control valves     Ceramic V-ball valves
	<ul> <li>Engineered valve solutions</li> <li>Multiport ball valves</li> <li>Instrumentation Isolation valves</li> </ul>
olivervalves	<ul> <li>Double block and bleed valves</li> <li>Needle valves and manifolds</li> <li>Instrument accessories</li> </ul>
TLV	<ul> <li>Steam traps</li> <li>Pressure and temperature regulators</li> <li>Steam and fluid control valves</li> </ul>
DRESSER NATURAL GAS SOLUTIONS	<ul> <li>Spring return fail safe electric actuators</li> <li>Quarter and multi turn valve actuation</li> </ul>

Order Desk & Sales Edmonton | (780) 484-0577 www.processandsteam.com



- Search by Company, Product, Brand or Service
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

## isaalbertadirectory.ca



# SRP control systems ltd.

Providing Instrumentation & Calibration Instruments since 1980

## We Also Offer A **Full Range Of Repair & Calibration Services**

AN ISO 9001:2015 REGISTERED COMPANY

ISO 17025:2017 ACCREDITED LABORATORY

## **PMC Engineering VL2000 Series** Wastewater Level Transmitters



- Range: 0-300 PSI
- Accuracy: ±0.1% FS (BSL) or ±0.25% FS (BSL)
- Operating Temperature Range: -20° to 80° C
- Electrical: 2-Wire, 4-20mA, 10-35 VDC Power
- FMC Intrinsically Safe
- · Cable: Polyurethane Molded, Vented with Kevlar, 4 Conductors, or FEP
- Housing Material: 316SS or Titanium 5-year Corrosion Warranty

## **Unimeasure HX-P420 Series Linear Position Transducers**



- Operating Temperature: -40°C to 95°C
- Measurement Ranges: 0 to 2000 inches
- Analog Output: 4-20mA
- cUL Intrinsically Safe



## www.srpcontrol.com

#19-5155 Spectrum Way, Mississauga, Ontario L4W 5A1 Tel: 905-238-2880 + Toll Free: 1-800-268-2605 sales@srpcontrol.com + www.srpcontrol.com

# PMC Engineering VL4500 Series Submersible Transmitters



- Range: 0-300 PSI
- Accuracy: ±0.1% FS (BSL) or ±0.25% FS (BSL)
- Operating Temperature Range: -20° to 80°C
- 2-Wire, 4-20mA, 10-35 VDC Power
- 0.725" Diameter Welded Titanium
- Molded Polyurethane Cable
- 5-year Corrosion Warranty

## Additel 227 **Multifunction Process Calibrator**



- Sourcing, simulating & measuring pressure, temperature & electrical signals
- Built-in full Hart Communicator (ADT227-HART)
- Intrinsically Safe models available (Ex)
- IP67 Rated
- High Voltage Measurement Capability (±300V AC)
- Dual channel pressure module ports





Alberta: Tel: 403-736-0508 Fax: 403-736-0509

BC: Tel: 604-451-7300 Fax: 604-451-7310

## Swagelok



## Minimize the Costs of Fugitive Emissions with Low-Emission Valves

Whether you are designing new systems, or seeking to improve your LDAR program, Swagelok offers a wide range of low-emission certified valves, including process, instrument, ball, needle, rising plug, and bleed.

All our Low-E valve offerings have passed applicable API low-emission testing without any design modifications and never leaking methane in excess of 100ppm during testing.



Instrument Ball Valves





Instrument Needle Valves





General Utility Service Needle Valves









1.



GB Series Full-Flow Ball Valves





Double Block and Bleed Valves



**Bleed Valves** 

Multipurpose Ball Valves

## LEARN MORE

For additional support on integrating any of these Low-E products into your fluid systems or if you require Low-E certificates, get more information here: <a href="https://www.swagelok.com/en/blog/fugitive-emissions">www.swagelok.com/en/blog/fugitive-emissions</a>

5-Valve Manifold



—© 2022 Swagelok Company. www.swagelok.com

29th EDITION

## The ISA Alberta Directory of Automation is OnLine!



- Search by Company, Product, Brand or • Service
- Comprehensive List of Suppliers •
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- **Conversion Tables**
- Industry Links •

## isaalbertadirectory.ca



## CANFLEX





Vaccuum to 6000 psi CRN # 0D06902.2 1/4"-2" End Connections **Ouick Turnaround** Made in Canada

THOMSON

SUPERLOK A R THOMPON

#### We've Built our Brand upon Quality, Innovation and Safety.

- High Precision Design
- Heat Code Traceability
- Fully Interchangeable
- CRN Certified
- **Innovative** Features
- **Extensive Distribution**



#### Alberta Locations

Fort McMurray Clairmont/Grande Prairie Edmonton Red Deer 403-910-7676 780-306-2399 780-747-1654 780-357-1291 403-754-5021 

arthomson.com

superlokcanada.ca

Controls, Inc. Manual & Automated Valves

Ball, Butterfly & Control Valves

## FAIRCHILD

Pneumatic & Electro-Pneumatic Products

Temperature Transmitters

Thermocouple & RTD Sensor Probes & Assemblies



Hazardous Location Pressure Transducers & Transmitters, Instrument Valves & Gauges



Pressure & Level Measurement

KAYDEN Flow, Level, Interface & Temperature Products

Telematic Controls

Representing

CustomControlSensors Pressure & Temperature Switches

## PROCESS AUTOMATION

Quick Disconnect Hazardous Cables, Intrinsically Safe Isolators & Barriers



Hazardous Location LED Lighting

#### rotork Instruments

Valve Positioners, Position Transmitters, I/P's & Relays

Wilcoxon

Vibration Transmitters

-7-7-1-1 Load Cells, Tensiometers & Load Pins



The International Society of Automation (ISA) is a non-profit professional association of engineers, technicians, and management engaged in industrial automation. As the globally trusted provider of foundational standards-based technical resources for the profession, ISA strives to build a better world through automation.





29th EDITION





## **Process Instrumentation & Controls**

🞽 sales@telematic.com

#### **\*** +1 403 253 7939

@ telematic.com



## Info@TundraSolutions.ca

## 1-800-265-1166 www.TundraSolutions.ca



ABB

29th EDITION



587.415.4426 3504 - 78 Avenue NW Edmonton, Alberta T6B 2X9



Get a Quote Today! Vikinginstrument.com







MAGNETROL AMETEK

Extensive Range of Innovative Level Solutions

Dräger

Fixed and Portable

Fire and Gas

**Detection Systems** 

METEK mocon

Online Process and

Low Level Ambient

Air Gas Analysis

VAISALA

**Process Refractometers** 

for in-line

Liquid Measurements

**METEK** High-visibility Magnetic Level Indication and High-accuracy Magnetostrictive Level Transmitters

for Level, Density, and Phase Measurement

Instruments

MTL

A division of COOPER Crouse-Hinds

Intrinsic safety, Process I/O, Industrial Networks,

Surge Protection

Providing Insight Onsite

Advanced Nucleonic Instrumentation

# Non-invasive Ultrasonic Flow,

**W** Waltron

Full Range

Water Quality

Analyzers

## SERVOMEX N

Leading provider of reliable, Accurate and Stable Gas Measurement Solutions

TELEDYNE MONITOR LABS ANALYTICAL INSTRUMENTS

Environmental Monitoring Stack Flow, Opacity, Stack Gas Measurements Oil and Gas Market, Gas Chromatography, H2S, CO2 and Moisture



Distillation, Viscometers, Total Sulfur, Physical Property Analyzers



Mud Flow Return Sensors, Top Drive and Wireless Encoders

www.vanko.net

customerservice@vanko.net

Valmet >

Consistency, Conductivity and **Concentration Sensors** 

id Flow<sup>™</sup>

VANKO

FLUXUS

Analytical & Instrumentation Specialists

Primary Flow Elements, Wedge Meters, Venturis, Nozzles

## 🕪 gasmet

**Emissions Monitoring** Systems, Portable Gas Analyzers, Mercury, Dioxins

AURIS TECHNOLOGIES

Ultrasonic Technology for Flare Gas Measurement, Gas Venting

## Weatherford

RedEye Water Cut Meters



Auburn FilterSense

Smart Pressure, **Differential Pressure and Temperature Transmitters** 



Oil and Gas

Transmitters

aeroqual

Particulate Monitoring, Integrated Real-Time Air Baghouse Monitoring. Quality Monitoring Systems Filter Leak Detection





1-800-307-8554

Iracerco





Concentration, BTU and

Mass Flow Measurement



# FEATURED PARTNERS



## Over 55 Years in the Industry

Westech has over 55 Years as a leading supplier of analytical instrumentation and process control equipment to a wide variety of Canadian industries.

- **√** ANALYTICAL & SAMPLING
- BIOGAS & WASTEWATER TREATMENT
- ✓ COMBUSTION EQUIPMENT
- ✓ FIRE & GAS SYSTEMS
- **INSTRUMENTATION**
- ✓ INTEGRATED SOLUTIONS
- POWER & ELECTRICAL CONTROLS
- ✓ VALVES & MECHANICAL





## 1-800-912-9262 westech-ind.com



Improving Analytical and Process Measurements with Innovative Instrumentation and Professional Service

Analyzers - Liquid Analyzers - Process Analyzer Panels Calibration Equipment Dewpoint pH Electrodes Flow Flame Detection Gas Detection Indicators (Process) Level Monitors - Water Pressure Pumps **Process Actuation** Process Valves Solenoid Valves Remote Monitoring Temperature Water Testing Meters



#5, 3610 - 29th Street N.E. Calgary, AB, Canada T1Y 527 Phone: (403)291-5570 Toll-Free: (877)291-5572 Email: info@wjf.ca Website: www.wjf.ca

Analytical - Process Control - Safety - OEM - Laboratory - Environmental

# Feed your inner genius... Join ISA today!

Setting the Standard for Automation™

Indulge in the latest technical resources

- Get substantial discounts on training
- Advance your knowledge and competency

Memership in the ISA can give you opportunities to develop leadership skills and work with some of the best automation professionals in the field. You gain exposure to the best and latest in technology, to new ideas, and to insiring people. Broaden your knowledge in automation and become a more valuable employee.



MEMBERSHIP BENEFITS AT A GLANCE

Access tabletop technology exhibits, subject matter experts, networking and leadership opportunities, and local employment opportunities through geographic sections

Online viewing of over 150 standards, recommended practices and technical reports

Discounts on training, publications, and event registration

Unlimited downloads of technical papers (more than 5,500 of them)

Online, pre-recorded web seminars on key topics and trends

Two technical division memberships

Participation in Leadership Development Certificate Program

Online networking via ISA's LISTSERV

Access to the member directory

Subscriptions to *InTech*, the premier magazine for automation professionals, and the *Automation Weekly* enewsletter

Online access to *ISA Transactions*, which covers the latest advances in measurement and automation

Online resume posting on ISA Jobs

Online access to ISA Insights, monthly member newsletter

A wide range of personal privileges, from discounted auto and group insurance rates to savings on hotel room reservations. For a full list of personal privileges provided, as well as more details on ISA member benefits, visit **www.isa.org/memberbenefits** 



www.wika.ca

780.463.7035



## MONOFLANGE INSTRUMENT/ PROCESS VERSION

Due to its one-piece design, the model IVM monoflange can withstand high overpressures. It ensures a robust and compact mounting of the measuring instrument directly to the process flange.

**Products** 

## **Calibration Pressure Flow Temperature Force Level**

Rite -

HASTELLOY PRESSURE GAUGE

For pressure measurement in processes with highly aggressive media, WIKA has a new Bourdon tube pressure gauge in its portfolio.

Bourdon tube pressure gauge Model PG28

## **Distributed Products**

















The Alberta Directory of Automation is published by Execu Graphx Inc. in cooperation with the ISA Edmonton Section and ISA Calgary Section. All rights reserved. Reproductions in whole or in part without prior written permission is prohibited. Address correspondence to: Execu Graphx Inc., #126, 150 Chippewa Road, Sherwood Park, Alberta Canada T8A 6A2 Ph: 780.467.6729 Email: info@execugraphx.com