



PROCESS CONTROLS & INDUSTRIAL AUTOMATION

Analytical Gas & Liquids Condition & Vibration Monitoring Control Flow Heat Trace Data Acquisition Density
SOLUTIONS Enclosures Fixed Gas & Flame Detection Integration | Automation Level Moisture
 Pressure Sensors, Fieldbus & Connectivity Signal Conditioning & Isolation Temperature Valves Wireless & Telemetry

INDUSTRIES SERVED

Refining & Petrochemical | Natural Gas | Energy & Power Generation
 Utilities | Renewable Energy | Mining & Metal | Pharmaceutical
 Life Science | Food & Beverage | Pulp & Paper | Iron & Steel
 Semiconductor | Water & Wastewater | Biofuel
 Building Materials & Construction | Cement
 General Industrial & Manufacturing | Environmental | Aerospace

TOTAL SOLUTION PROVIDER



Innovative Solutions

Quality Instrumentation
& Analytical Devices



24/7/365 Service

Field Service Support
& Extra Manpower



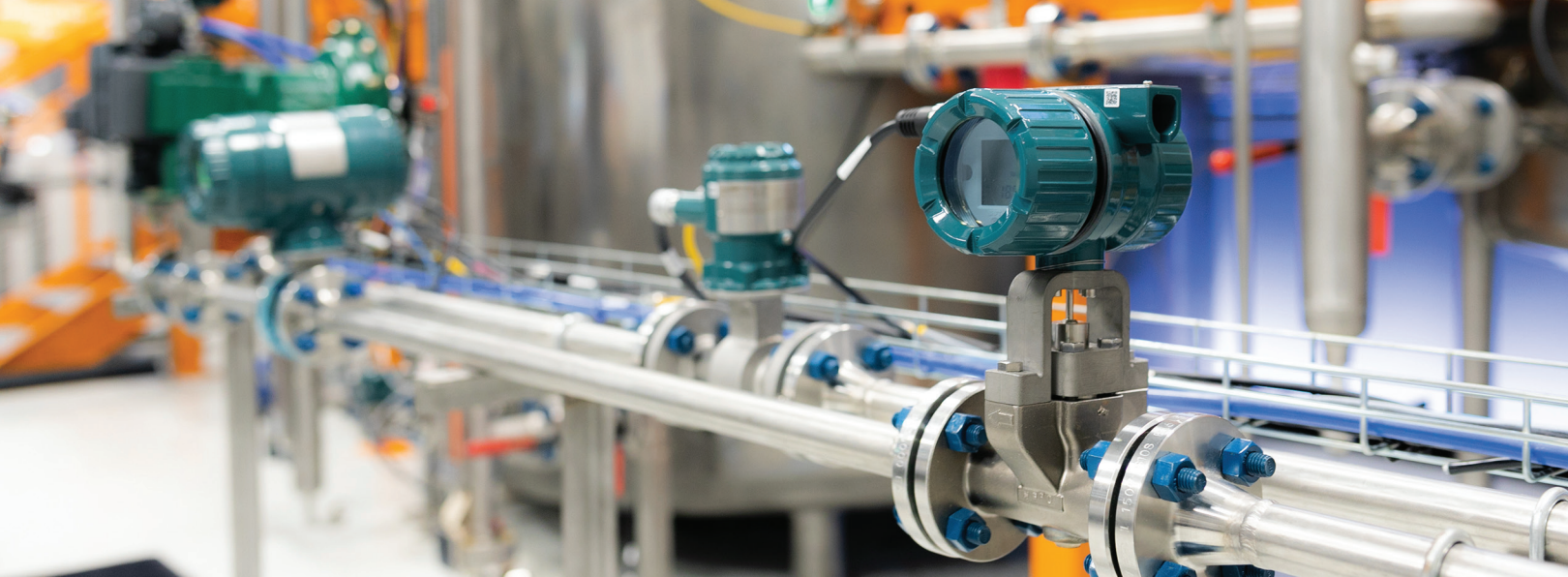
Training & Development

Technical Courses, Custom
Sessions, THE UNIT & Virtual



Experience

20+ Years Delivering
The TechStar Difference



WE ARE YOUR TOTAL SOLUTION PROVIDER

① SOLUTIONS

Since 2001, we have been committed to solving process control challenges for all process industries. We have strategically aligned ourselves with manufacturers that share in our deep-rooted beliefs in innovation, products of the highest quality and a shared commitment to best-in-class customer service.

Why spend countless hours sourcing equipment from different providers? TechStar is your One - Stop - Shop.

WITH YOU EVERY STEP OF THE WAY

The days of having a transactional relationship with your sales rep are over. We pride ourselves on being your true technical resource.

- Experience
- Innovative Solutions
- Service & Training

② SERVICE

Now that you have a complete solution, what's next? The baton has been handed to your team, but bigger problems can arise. That's where service comes in:

24/7/365...

We don't close our doors after a solution is implemented; we walk with you every step of the way to ensure equipment is running optimally & ongoing maintenance requests are completed.

③ TRAINING

Our goal is to optimize both your people & your process.

We believe your operations are only as good as the staff running your equipment. Through TechStar University we continue to support your team with a variety of technical training and development curriculum.

- Theory & Troubleshooting
- Hands-On Application | THE UNIT
- Custom Sessions
- Distance/Virtual Learning

TECHSTAR IS YOUR SUBJECT MATTER EXPERT

We have heavily invested in our team to bring you a true technical resource. Our Subject Matter Experts have developed a deep and working knowledge of the technology and theory behind the solution to ensure maximum efficiency and productivity.

The technical experience within our walls is the true TechStar Difference. We are dedicated to always being better and appreciate the challenge to do more.

AREAS OF EXPERTISE

- Analytical Measurements
- Automation & SCADA
- Condition & Vibration Monitoring
- Engineering & Projects (EPC)
- Field Services
- Flow Measurements
- Food & Beverage
- Level Applications
- Oil & Gas
- Pressure Measurements
- Technical Training
- Water & Wastewater
- And Much More...

ALL BACKED BY INDUSTRY
LEADING PARTNERS

PARTNERS IN PROCESS AUTOMATION



SALES REPRESENTATION VARIES BY REGION

As a manufacturer sales rep, we have exclusive coverage areas. Our commitment however as a 'Total Solution Provider' is ALWAYS find our customers a solution by working through our network of partners and strategic alliances. We will never leave you without a solution!



PROCESS CONTROLS & INDUSTRIAL AUTOMATION

Our world-class manufacturing partners enable us to tackle even the toughest challenges. Trust us to get your processes running at peak performance. Let's get started now and witness firsthand the difference TechStar can make!



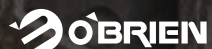
- FLOW



- PRESSURE
- VALVES



- ANALYTICAL GAS
- ANALYTICAL LIQUID
- MOISTURE



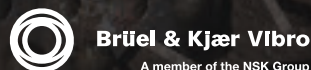
- ENCLOSURES
- HEAT TRACE
- INSTRUMENT TUBING



- DENSITY
- LEVEL
- MOISTURE



- LEVEL



- CONDITION & VIBRATION MONITORING



- ANALYTICAL GAS
- ANALYTICAL LIQUID



- FLOW



- FLOW
- LEVEL



- VALVES



- FLOW



- ANALYTICAL GAS
- ANALYTICAL LIQUID



- WIRELESS & TELEMETRY



- LEVEL



- CONDITION & VIBRATION MONITORING



- CONTROL
- SIGNAL CONDITIONING & ISOLATION
- TEMPERATURE



- INTEGRATION | AUTOMATION
- VFD



- ANALYTICAL GAS
- FIXED GAS & FLAME DETECTION



- SENSORS, FIELDBUS & CONNECTIVITY



- ANALYTICAL LIQUID



- ANALYTICAL GAS
- ANALYTICAL LIQUID
- CONTROL
- DATA ACQUISITION
- FLOW
- PRESSURE
- TEMPERATURE
- VIBRATION MONITORING
- WIRELESS & TELEMETRY

ANALYTICAL GAS

- Advanced Reflux Sampler
- Calibration Gas
- CEMS Analyzers
- CO₂ & H₂S Analyzers
- Distillation Analyzers
- Gas Density Analyzers
- Mass Spectrometers
- Moisture Analyzers
- Natural Gas Analyzers
- Oxygen Analyzers
- Process Gas Chromatographs
- Sample Systems
- Sulfur Recovery Unit
- Total Sulfur & Nitrogen Analyzers
- Tunable Diode Laser Spectrometers



ANALYTICAL LIQUID

- Chlorine Analyzers
- Conductivity
- Dissolved Oxygen
- H₂S In Liquids Analyzers
- Moisture Analyzers
- Oil In Water Analyzers
- pH & ORP Analyzers
- Sample Systems
- Total Organic Carbon (TOC)
- Total Sulfur & Nitrogen Analyzers
- Turbidity Analyzers
- Viscosity Analyzers
- Water Chemistry Analyzers



CONDITION & VIBRATION MONITORING

- Condition Monitoring Services & Training
- Custom Cabinets, Panels & Enclosures
- Diagnostic Software
- Oil Health Monitoring
- Portables
- Protection and Condition Monitoring Systems
- Sensors and Transmitters
- Wireless Vibration Monitoring



CONTROL

- Configuration Tools
- Distributed Control System
- Limit Controllers
- Manual Setters
- Panel Indicators
- PID Controllers
- Process Controllers
- Program Controllers
- Programmable Logic Controllers
- Safety Instrumented Systems
- SCADA Systems
- Single Loop Controllers
- Temperature Controllers



DATA ACQUISITION

- Aerospace Heat Treat (AMS 2750/NADCAP)
- Chart Recorders
- Data Acquisition Software
- Data Loggers
- High-Speed Data Acquisition
- Modular Systems
- Panel Mount Recorders
- Pharmaceutical (US FDA 21 CFR Part 11)
- Portable Data Acquisition



DENSITY

- Gas Density
- Interface Measurements
- Nuclear Point & Rod Detectors
- Nuclear Point & Rod Sources
- Nuclear Services (RSO/ Disposal/Training)
- Nuclear Sources & Shields



FIXED GAS & FLAME DETECTION

- Acoustic/Ultrasonic/Optical Leak Detectors
- Calibration Gas
- Controllers
- Fire and Gas Mapping
- Fire and Gas Systems (NFPA 72)
- Flame Detectors
- Gas Detectors/Monitors
- IR and Laser Based Open Path Gas Detectors
- Mobile Gas Detection
- Refrigerant Monitors
- Test Lamps



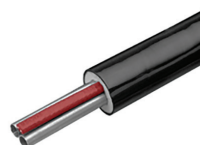
FLOW

- Air Flow Measurement
- Coriolis Flow Meters
- Flare Flow Meters
- High Temp/Cryogenic Flow Meters
- Magnetic Flow Meters
- Sanitary Flow Meters
- Thermal Gas Mass Flow Meters
- Ultrasonic Flow Meters
 - Liquid & Gas
 - Permanent Meters
 - Clamp-on Meters
 - Portable Meters
- Variable Flow Meters
- Vortex Flow Meters



HEAT TRACE

- CEMS Bundles
- Electric Heated Instrumentation Analyzer Bundles
- Heat Trace Control Systems
- Installation Services
- Steam Traced Bundles
- Tubing



INSTRUMENT ENCLOSURES

- Draft Transmitter Enclosure
- Full Enclosures
- Instrument Supports
- Partial & Flexible Enclosures



INTEGRATION | AUTOMATION

- Analyzer Sample Systems
- Modbus Training
- Panels & VFDs
- PLCs
- Power Solutions
- Programmers
- SCADA/IloT
- Telemetry & Wireless Networks
- Turnkey Solutions



LEVEL

CONTINUOUS LEVEL MEASUREMENT

- Guided Wave Radar
- Magnetic Level Indicator (MLI)/Bridle
- Magnetostrictive
- Nuclear (Radiation Based)
- Nuclear Source Disposal/RSO Training
- Radar (Pulse Burst)
- Remote Seals
- RF Capacitance
- Training
- Ultrasonic (Non-Contact)

DENSITY LEVEL MEASUREMENT

DISPLACER LEVEL

- Displacer Controllers
- Displacer Switches
- Displacer Transmitters

LEVEL SWITCHES

- Displacer Switches
- External Cage Switches
- Float Level Switches
- Thermal Dispersion Switches

MAGNETIC LEVEL INDICATOR (MLI)/BRIDLE

- Aurora ®
- Magnetic Level Indicator
- Magnetostrictive

POINT LEVEL MEASUREMENT

- Nuclear (Radiation Based)
- Ultrasonic (Contact)
- Vibration Level



MOISTURE

- Aluminum Oxide
- Calibration
- Chilled Mirror
- Dew Point
- Microwave
- Percentage In Solids
- Quartz Crystal
- Relative Humidity
- Sample Systems
- Trace ppm/ppb
- Training
- Tunable Diode Laser



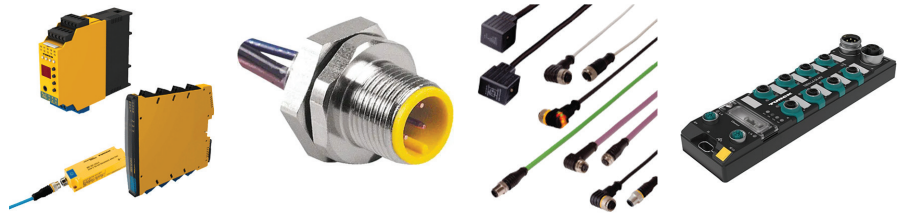
PRESSURE

- Absolute Pressure
- Analog & Digital Pressure Gauges
- Differential Pressure
- Draft Pressure
- Gauge Pressure
- Hammer Union Pressure Transducers
- Hygienic & Sanitary Pressure Transmitters
- Instrument Enclosures
- Low-Flow Pressure
- Manifolds
- Mass Flow (Multi-Variable) Pressure
- Multi-Sensing
- Pressure Transducers
- Submersible Pressure Transducers



SENSORS, FIELDBUS AND CONNECTIVITY

- Automation Sensors
- Custom Cordset/Harness Fab
- Custom Overmolded Cabling
- Ethernet Switches/Junctions
- Hazardous Area Barriers
- HMI/PLCS
- Remote I/O
- RFID



SIGNAL CONDITIONING & ISOLATION

- AC Power Transducers & Monitors
- Displays & Enclosures
- Functional Safety
- HART/Modbus Signal Converters
- I/P Converters
- Isolators & Converters
- Limit Alarm Trips
- Remote I/O



TEMPERATURE

- Field Wireless - ISA 100
- Flexible Temperature Transmitters
- Ready To Install Assemblies
- Remote I/O For Temperature
- RTDs/Thermocouples/Thermowells
- Temperature Sensors and Transmitters



VALVES

- Actuators
- AWWA Valves
- Ball Valves
- Basket Strainers
- Butterfly Valves
- Check Valves
- Control Valves
- Cryogenic Valves
- Gate Valves
- Globe Valves
- Limit Switches
- Manifold Valves
- Needle Valves
- Plug Valves
- Positioners
- Sanitary Valves
- Solenoid Valves
- Worm Gear Operators



WIRELESS & TELEMETRY

- C1D1 Solar
- Custom Automation
- Custom Cloud SCADA
- Field Monitor Display
- Hazardous Location
- Wireless and Telemetry Accessories
- Wireless I/O
- Wireless Sensors & Networks



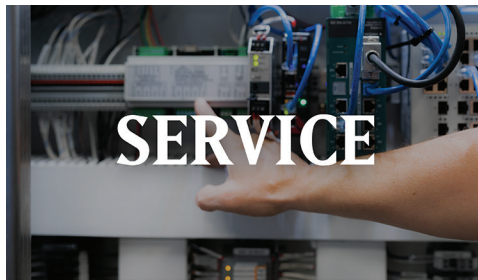
LEVERAGE THE TECHSTAR DIFFERENCE

When it comes to process control equipment, there are numerous options available. However, it's crucial to remember that not all equipment or providers are created equal. At TechStar, we believe it's imperative to partner with a Total Solution Provider who can surpass your expectations. When you choose TechStar, you can trust that you are partnering with a team with extensive industry experience, abundant resources, and exceptional support.

Leverage the TechStar Difference to Fully Optimize Your People and Your Process.



- For Any Application
- One Purchase Order
- Subject Matter Experts



- 24/7/365
- Local Technicians
- Any Manufacturer



- Technology Theory
- Custom Curriculum
- THE UNIT

LET'S GET YOU STARTED



Contact Your Local
TechStar Subject Matter Expert Now



THE UNIT
FUNCTIONAL VERIFICATION UNIT

Having issues in production
you need to work through?
Want to test drive a solution
for your process?

Schedule time in
THE UNIT to mimic
your specific process
conditions, test,
and troubleshoot.

