



Instrumentation, Valves, Analytical & Control

MANUFACTURERS AND PRODUCTS



ARKANSAS



LOUISIANA



MISSISSIPPI



ALABAMA



GEORGIA



FLORIDA



SOUTH CAROLINA



NORTH CAROLINA



VIRGINIA



AGAR CORPORATION

Oil / Water Interface Detection and Control

- Hydrate Detection
- Automatic Tank Dewatering
- Desalter Control



Tubing Bundle Solutions

- Winterization
- Condensation Prevention
- Viscosity Reduction
- Personnel Protection
- Process Analyzers
- Continuous Emmissions Monitoring
- Steam supply
- Condensate Return



Self-Contained Regulators & Vapor Control Solutions

- Pressure Reducing Regulators
- Back Pressure Regulators
- Natural Gas Regulators
- Tank Blanketing Valves
- Tank Vents
- Emergency Vents
- Deflagration & Detonation Arrestors
- Tank Gauge Hatches & Accessories
- Manifold Valves
- Solenoid Valves



Highly Engineered Process Heating Solutions

- Immersion Heaters
- Process Heaters
- Environmental - Air and Space Heaters
- FGCS - Fuel Gas Conditioning
- LH - Line Heating systems
- Seal Gas Heaters
- Liquid Heat Transfer Systems
- Vaporization Systems





DelVal Flow Controls

- High Quality Ball Valves
- Butterfly Valves
- Automation



Boiler Level Measurements

- Power Boiler Drum Level Measurement
- Feedwater Heater Level Measurement and Switching
- Turbine Water Induction Protection Systems
- Combined Cycle Power Plant Visual Level Gauge Systems



**Not all products represented in all regions*



Brands: Limitorque, Valtek, Durco, Kammer, NAF, & Valbart

- Control Valves
- Actuators
- Positioners



Service

- Repair: control and manual valves, automated packages, MOV's, and actuators
- Service centers are equipped with technicians to ensure best manufacturing practices and an inventory of spare parts
- Maintenance and technical schools offered at Flowserve Quick Response Centers

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Panametrics
a Baker Hughes business

Flow Measurement & Control

- Ultrasonic Flow Meters
- Vortex Multivariable Flow Meters
- Moisture
- Ultrasonic Gas



Fox Thermal Air Monitor
Precision Mass Flow Measurement An ONICON Brand
Precision Airflow Measurement An ONICON Brand

Mass Flow Meters

- Inline / Insertion Mass Flow Measurement of Gas
- Gas-SelectX® Gas Menu Selection
- DDC-Sensor™ (Direct Digitally Controlled)



SIGNALFIRE
— WIRELESS TELEMETRY —

Wireless Telemetry for Sensing & Monitoring

- C1D1 & C1D2 Wireless Components
- Long Range Nodes
- Solar Powered Solutions
- HART®, Modbus, Digital & Analog



ZOOK®

Rupture Disks & Over-Pressure Protection Products

- Metal Rupture Disks and Holders
- Graphite Rupture Disks
- Vent Panels
- Rupture Disk Alarm Sensors
- Extruder Barrel and Down Hole Tool Assemblies



**Not all products represented in all regions*

TURCK

Industrial Automation

- Connectivity Process Wiring
- Control and Programmable Gateways
- Signal Transmitters
- Isolators
- Converters
- TURCK Interface Technology



MSA

The Safety Company

Fixed Gas Detection Instruments

- Open Path Gas Detection
- Gas Detectors
- Controllers
- Industrial Analyzers
- Acoustic Leak Detectors



MOORE INDUSTRIES

WORLDWIDE

Interface Instruments

- Functional Safety
- Temperature Sensors and Transmitters
- Limit Alarm Trips and Switches
- Signal Transmitters, Isolators, and Converters



**Not all products represented in all regions*

GM

General Monitors

- Gas Detectors
- Flame Detectors
- Fire and Gas Systems





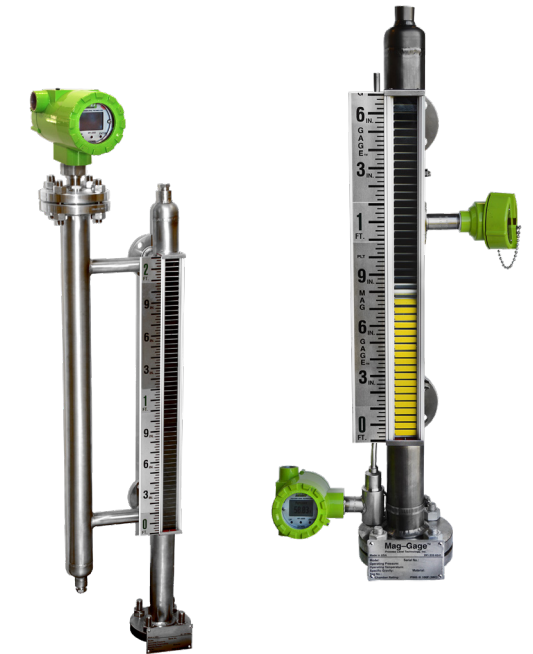
Electraulic Linear & Rotary Actuators

- Electric Controls, Hydraulic Power
- High Thrust, High Speed, Precise Control
- Engineered Product Solutions



Magnetic Liquid Level Gages & Controls

- Magnetostrictive Level Transmitters
- Magnetic Point Level Indicators
- Float Switches



Sensing, Intrinsic Safety, & Explosion Protection

- Intrinsically Safe Instrumentation
- HART® Interface Solutions
- Process I/O for Hazardous Areas
- Lightning & Surge Protection
- Fieldbus Connection Systems
- Remote I/O Ethernet
- Purge Systems
- Visualization Systems in Hazardous Areas



**Not all products represented in all regions*



Pressure Sensors

- Oil and Gas Pressure Sensors
- Test and Control Pressure Sensors
- Process Pressure Sensors
- Wastewater Pressure Sensors



**Not all products represented in all regions*



Temperature Sensors

- Non-Contact Infrared Temperature Sensors
- Portables and Process
- Thermal Imaging
- Line Camera Systems and Precision Blackbody Calibration Sources



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Specialty Valves

- E series valves and manifolds
- Ball valves
- Metal seated ball valves
- Double block bleed pipeline ball valves



Analytical Instruments

- High Purity Water
- Steam
- Condensate
- Cooling Water
- Potable Water
- Effluent



Flow Controls

- Ball Valves
- Specialty Valves
- Instrumentation
- Actuators
- Automation Controls



Monitoring Systems

- Continuous Emission Monitoring Systems
- Flow Monitors
- Gas Monitors
- Particulate Monitors



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Turbines Inc.

- Liquid Turbine Flow Meters
- Cryogenic Flow Meters
- Retrofit Kits
- Flow Monitors
- High Accuracy Turbine Flow Meters
- Corrosion-resistant Meters



VEGA

Level, Pressure, & Density

- Through-Air Radar
- Guided Wave Radar
- Level Switching
- Pressure



Temperature & Pressure Sensors

- Bi-Metal Thermometers
- Pressure Gauges



Nuclear

- Continuous and Point Level
- Density
- Iron Chamber Replacements
- Flexible, Long, Fiber Scintillator Detectors
- Universal Local Digital Display





Flow Measurement

- Verabar
- Accelabar



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Wireless Technology

- Wireless Input/Output (I/O)
- Industrial Wireless Gateways
- Industrial Wireless Modems
- Environmental
- Wired Networking



Steam and Water Analysis Panels / Controls

- Sample Coolers & Conditioning Assemblies
- Refillable Resin Columns
- Temperature Control Water Chillers
- Degassing Sparger Assemblies

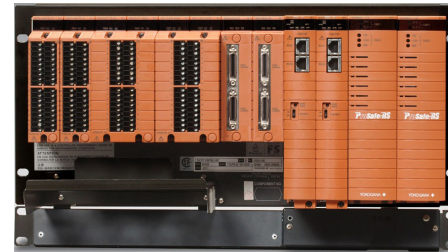
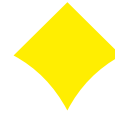


Water Quality Analyzers

- Silica Analyzers
- Sodium Analyzers
- Conductivity



YOKOGAWA



Systems

- Distributed Control Systems
- SIL Rated Safety Systems
- SCADA/RTU

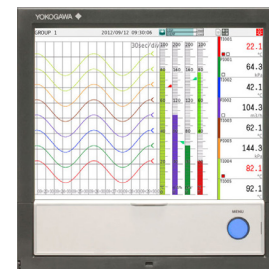


Analyzers & Sensors

- pH
- Conductivity
- Inductive Conductivity
- Dissolved Oxygen
- ORP Measurements
- HART Foundation
- Fieldbus
- PROFIBUS
- Online Sensor Diagnostics

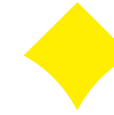
Network Solutions

- DXAdvanced Data Acquisition and Display Stations
- UT351 and YS1700 Industrial Controllers



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YOKOGAWA



Flow, Pressure, & Temperature

- Coriolis Flowmeters
- Magnetic Flowmeters
- Pressure Transmitters
- Temperature Transmitters
- HART Communicators



Process Measurements

- Gas Density Analyzers and Detectors
- Zirconia Oxygen Analyzers and Detectors
- Process Gas Chromatographs
- Tunable Diode Laser Spectroscopy Analyzers



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Training Services

- Available on-site, off-site, or BBP Facility
- Nuclear
- Radar
- Gas Detection

Nuclear Services

- Start-up
- Source Holder & Shutter Repair
- Leak Tests & Shutter Checks
- Source Transfer
- Troubleshooting
- Radiation Safety Officers
- Licensed

Factory Authorized for:



Other Services

- In-House Repair
- Startup Assistance
- Troubleshooting
- Turnaround Support

VALVE AUTOMATION



Valves

- Ball
- Butterfly
- High Pressure/Temp
- Plug
- Diaphragm
- Ceramic ball valve
- Knifegate
- Check
- Damper
- Solenoid
- Airlock Rotary
- Specialty Valves



Actuators

- Pneumatic
- Electric

Other Products

- Pneumatic Positioners
- Smart Positioners
- Limit Switches
- Flow Nozzles
- Ceresist Ceramic Orifice Plates
- Specialty Piping



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SENSORS

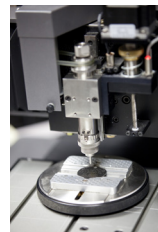
Temperature

- Thermocouples
- RTDs
- Ceramic Protection Tubes
- Thermowells
- Bi-Metal Thermometers
- Multi-Points
- Temperature Transmitters
- Conax Packing Glands
- Thermocouple Wire



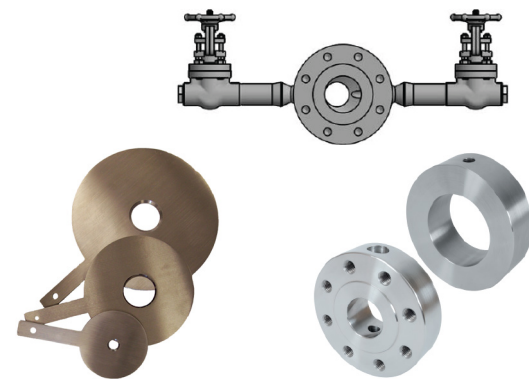
Flow & Control

- Orifice Plates
- Venturi Tubes
- Rotameters
- Bleeder Cleaners/Rod Out Tools
- Bleed Rings
- Flange Spreaders
- Versa Valves
- Needle Valves
- Manifold Valves
- Solenoid Valves



Pressure

- Pressure Gauges
- Diaphragm Seals
- Pressure Switches



Enclosures & Tags

- Custom Enclosures
- Engraved Tags
 - Phenolic/Plastic
 - Stainless Steel
- Transducers & Indicators

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PROCESS AUTOMATION

Integration / Enclosures

- Yokogawa Centum VP
- Yokogawa FAM3 Controller
- DCS/PLC
- Panel Fabrication
- Custom Solutions
- Turnkey Projects



Complete Wireless

- ISA 100
- Wireless HART
- 900/2400 MHz
- Redundant Wireless
- Solar Systems



Authorized System Integrator

YOKOGAWA



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E-mail: bbp@bbpsales.com
Web: www.bbpsales.com