

WTMI



## Instrumentation Products:



**Level Measurement:** Non-Contact Radar; Guided Wave Radar (GWR); Ultrasonic; Capacitance; Conductance; Magnetic Level Indicators (MLI); Mechanical; Vibration Tuning Fork; Sight Level Gauges; Transmitters & Switches.

VEGA

**Flow Measurement:** Thermal Mass; Electromagnetic; Coriolis; Turbine; Positive Displacement; Ultrasonic; Differential Pressure; Variable Area; Vortex; Vane; Oval Gear; Primary Flow Elements; Sight Flow Windows; In-Line & Insertion.



**Pressure Measurement:** Smart Transmitters, Switches & Gauges; Differential Pressure; Absolute & Gauge Pressure Transmitters; Pressure Gauges; Compact Transmitters & Switches; Diaphragm Seals.

Neo-Dyn<sup>®</sup>  
PROCESS CONTROL

**Temperature Measurement:** Thermocouples/RTDs, Thermowells, Sensors, Customs, Sanitary, Direct/Remote, Temperature Transmitters, Switches.

LJ STAR<sup>®</sup>  
*You'll look better*

**Process Observation:** Sight Glasses, Sanitary Fittings, and Sight Flow Indicators for Process Observation.

AVLOK<sup>®</sup>  
TUBE FITTINGS  
180 0001 - 2008 MANUFACTURING COMPANY

**Fittings:** Tube Fittings & Pipe Fittings; Compression; Sanitary & Industrial; Stainless Steel & Exotic Materials; Single & Dual Ferrule Designs.

## Flow Conditioning:



### **Flow Solutions: Flow Conditioners & Flow Straighteners**

The Vortab Company manufactures flow conditioners and flow straighteners for Flow Meter, Process & Pump System applications. Extremely low pressure drops, resulting in significant energy cost savings over alternative flow conditioning technologies. No more worries over Up & Down Straight Run requirements.

## Heating Products:



**Heating Products & Systems:** Highly engineered thermal solutions for process industries. Comprehensive range of solutions that addresses every essential process heating requirement. Process & Environment; Explosion-Proof Heaters; Electric & Gas Catalytic; Immersion & Tank Heaters; Panel Heaters.



## Valve Products:

**Control Valves:** Steam, Liquid, Gases; Variable product solutions give you more flexibility, more power and more precision. For control – mixing / diverting – isolation even in harsh industrial environments.

**Isolation Valves:** Globe, Plug, Ball, Diaphragm, Butterfly

**Diaphragm Valves:** Industrial, Sanitary, High Purity; Stainless, Plastic, & other materials; Manual & Control; Multi-Port Designs.

**Globe Valves:** Angle & Straight Seat; Stainless Steel, Bronze.

**Ball Valves:** 1, 2, & 3 Piece Bodies; Multi-Port; Cryogenic; Severe Service; Control; V-Ball; Tank Bottom; Steam Jacketed; Floating & Trunnion Mounted Balls. Fire Safe Valves.

**Butterfly Valves:** Resilient Seated; High Performance; Double-Off-Set; Triple Off-Set; Wafer & Lug Style; Gear Operated.

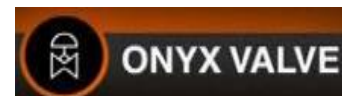
**Check Valves:** 1/4" thru 36"; Duck-Bill (self-contained, external, or internal); Swinging Gate Check; Wafer Check; In-Line or Ball.

**Sanitary Valves:** Pharmaceutical; Food & Beverage

**Severe Service Valves:** Exotic Metals; High Temps/Pressures.

**Pinch Valves:** Manual or Automated; Open-Framed or Enclosed; Pneumatic or Electric.

**Needle Valves, Metering Valves, & Solenoid Valves**



## Steam Traps:

Advanced steam trap technology. Ball float, bimetallic, thermodynamic and balanced pressure steam traps.

## Steam Systems:

Heat Exchange Systems, Condensate Return Systems, Pressure Reduction Stations, Flash Steam Systems, Custom Systems, Monitoring Systems.

## Safety Relief Valves:

Full-Nozzle, Semi-Nozzle, Safety Relief Valves, Change-Over Valves; API 526/ASME; High Efficiency, Zero Leakage Options.

## Regulator Products:

Pressure & Back Pressure Reducing Valves for all applications; Gas, Liquid, Steam. Self-Contained.



Conoflow®

## Filtration Products:



**Liquid Filter Elements:** Depth & Pleated Filter Elements; Melt Blown & String Wound Elements; Membrane Elements; High Flow Elements; Carbon Elements; Carbon Blocks; Glass Fiber, Polypropylene, Fluoropolymers, PTFE, PFA, PES; Porous Metal, Sintered SST, Titanium; Absolute & Nominal Rated.



**Bag Filters:** Standard Mesh; Monofilament & Multifilament; Micro-Fiber, Multi-Layer; Nylon & Felts; Polyester, Polypropylene, PTFE; Welded Seam/End Caps; Pleated Bags / High Dirt Holding Bags; High Temp Bags; Oil Absorbing Bags.



**Air, Gas, Steam Filtration/Separation:** Compressed Air Filtration; Tank Vent Filters; High Purity Steam & Air; Industrial Air Panels/Box Filters; Gas Turbine Air Intake; HEPA Filters; Carbon Filters; Desiccant Dryers; Dust Collection / Bag House Filters.



**Hydraulic & Lube Oil Filtration/Conditioning:** Filter Cartridges – Particulate & Water Removal; Filter Carts, Totes, & Systems; Drum Toppers & Drum Carts; Platform/Storage Carts; Panel Filtration, Custom Designs & Lube Rooms; Membrane Dehydration; Vacuum Dehydration.



**Sanitary & Sterile Filtration:** Pharmaceutical & Semiconductor Industries; Food & Beverage Industries; FDA Approved Material; USP Class VI; NSF 61 Certified; Elements & Housings.



**High-Capacity Filtration:** Bag Filters; Hybrid Filters; High Flow Elements.

**Membrane Filtration:** Reverse Osmosis (RO); Nano-Filtration (NF); Ultra-Filtration (UF); Micro-Filtration (MF); E-Coat UF Membranes; Aqueous and Non-Aqueous applications.

**Housings / Vessels:** Bag & Element Housings; Single & Multiple Round; High Flow Designs; Industrial, Sanitary, Plastic; Simplex & Duplex Designs; Custom Skids & Systems; ASME Coded Available; Nuclear Qualified/N-Stamp.

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## Filtration & Purifications Systems:



- Reverse Osmosis (RO) Systems
- Nanofiltration (NF) & Advanced Nanofiltration (ANA) Systems
- Ultrafiltration (UF) & Microfiltration (MF) Systems
- Electrodeionization (EDI) Systems & Ultraviolet (UV) Disinfection Systems
- Membrane CIP Systems; USP / WFI Water Systems
- Fuel Gas Conditioning Systems & Oil Conditioning Systems
- Vacuum Dehydration Systems & Membrane Dehydration Systems
- Oil Removing Systems & Other Liquid Separation Systems
- Portable / Mobile / Containerized Systems
- Self-Cleaning & Back-Wash Systems
- Zero-Liquid Discharge (ZLD) Systems
- Custom Systems and Pilot Plants

## Analytical Products:



**UV-MIR Analytical Spectrometers for Solids, Liquids, Gases, Pastes, Gels:** Configurable spectrometers span the UV-MIR range and are available with a broad range of modular sample interfaces. Interfaces may be exchanged even within a hazardous area. Nova Industrial Analytics offers cutting-edge spectral sensors for hazardous areas, enabling real-time process control and seamless lab-to-process integration.

**Liquid Analytical Products:** Industrial & Municipal Markets; High Purity Water applications, Boiler Water Chemistry, Drinking Water, and more; On-Line and Portable units. Digital connection and communication protocol.



**Parameters:** pH, Conductivity, Oxygen, Silica, Sodium, Turbidity, Chlorine, Iron, Lead, Hardness, Manganese, Phosphate ... everything from Aluminum to Zinc.



**SOUTHLAND SENSING**  
MEASURE. ANALYZE. CONTROL.

**Gas Analytical Products:** Wide range of Online & Portable Analyzers, Transmitters & Meters for **Trace, Percent and Purity Oxygen** analysis as well as **Hydrogen Sulfide**. Analyzers are outfitted with a comprehensive electronics package, USB flash drives and other advanced features.

**Direct Sensor Replacements:** Replacement Galvanic Fuel Cell Oxygen Sensors for all major brands – including Teledyne Analytical, GE/Panametrics, AMI, All, and more.

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## Oil Monitoring, Conditioning, & Analysis:

**LUNETETA**



**Oil Monitoring:** Sample Ports; Oil Conditioning PODs; 3D Sight Gauges; Bulls Eye Sight Glasses; Oil Level Columns.

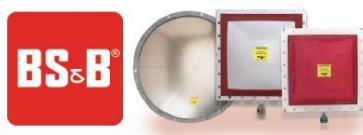
**Oil Conditioning:** Filtration; Water Removal; Vacuum Dehydration; Membrane Dehydration; Direct Oil Filter Replacements – Pall, Parker, all Others. USA Made

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## Industrial Dust Collection & Explosion Protection:



**Dust Collectors:** Pulse Jet Dust Collectors; High Vacuum, High Pressure; Compact, All-Welded; For Pneumatic Conveying, Bin Venting, Dust Control; Walk-In Plenums; Pulse Jet Cartridge Collectors, Ultra-Pleat Filters. Small 100 CFM units to large 100,000 CFM systems.



**Industrial Explosion Protection:** Passive & Active; Explosion Venting, Flame Free Explosion Venting, Explosion Suppression and Chemical Isolation Systems, Mechanical Isolation Barriers (Active & Passive). Spark Detection & Extinguishing Solutions.