

# CROSS INSTRUMENTATION

ENGINEERED PRODUCTS FOR PROCESS MEASUREMENT & CONTROL

10700 Dutchtown Road Knoxville, Tennessee 37932

Phone: (865) 966-0969 Fax: (865) 966-8496

[www.crossinstrumentation.com/tn/](http://www.crossinstrumentation.com/tn/)

## VALVES & CONTROLS

**Neles**

Metal Seated Ball Valve, Metal Seated Butterfly Valves, Segment Control Valves, Rotary Plug & Globe Valves, Emergency Shutdown Products, Digital Positioners, Remote Monitoring Software

**jamesbury**

Soft-Seated Ball Valves, High Performance Butterfly Valves, Flanged and Threaded Ball Valves, Actuators and Accessories, Cintac Advanced Automation Systems, **Valvcon**, Electric Actuators, Network Compatible, Fail-Safe Mechanical Spring

**StoneL**

Mechanical, Solid state, and Digital Switching, Industrial Components from Field Devices to Network

**VALMET CONSISTENCY**

Microwave, Shear Force, Optical Transmitters, Sampling Devices, **Kemotron** liquid analyzers and optimization systems

**TBV  
CAMERON**

Corrosion Resistant & Cryogenics Valves, Ball Valves, Techno Check Valves, Diverter Valves, Instrument Valves

**KOSO HAMMEL DAHL**  
CONTROL VALVES

Linear Globe Control Valves, Angle Valves, Actuators, Severe Service Valves

**PSA**  
ELECTRAULIC™ ACTUATION

Electric Hydraulic Actuators, Linear, Rotary, & Drive Configurations

**ASCO**

2, 3, & 4 Way Solenoid Valve, Manifold Mount Solenoid Valves, Air Filter Regulators, Dust Collector Solenoid Valves, Angle Body Piston Valves

**tyco**

**Vanessa** Triple Offset Valve, **Hovap** Sanitary Valves, **Biffi** Electric Actuators, **Gulf** Wafer Check, **Prince** Check Valve

**KEYSTONE**

Resilient Seated Butterfly Valves, High Performance Butterfly Valves, AWWA Butterfly Valves thru 160", Solenoid Valves, Pneumatic Actuators

**MORIN**

Scotch Yoke, Rack & Pinion Actuators with available Partial stroke test and lockout

**Neotech**

Teflon lined butterfly, ball valves, In line sampling systems

**YARWAY  
HANCOCK**

Steam Traps, Desuperheaters, Recirc Pump Protection Valves, Vent and Drain Valves, Blowdown, Instrument Check, Y-Pattern and T-Pattern Globe Valves

**Rovalve  
CLARKSON  
L&M Valve**

Knife Gate, Wedge Gate, Slide Gate, Special Applications, Heavy Duty Knife Gate Valves for Slurries, C-Valve for Throttling, Polymer Lined Knife Gate Valves, Slide Gate

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## FLOW MEASUREMENT

**BROOKS**<sup>®</sup>  
INSTRUMENT

+GF+

**GPI**<sup>®</sup>

*Greyline*  
instruments inc.

**SPARLING**

AIR MONITOR

EPI

**Continental Disc**  
Corporation

**GROTH**  
CORPORATION<sup>®</sup>

**SIIC**

**K-TEK**

**BROOKS**<sup>®</sup>  
INSTRUMENT

**meriam**  
process technologies

**WIKAL**

**TTEC**

**BETA** **B**

Thermal Mass Flow Meters/Controllers (*Brooks, Tylan, Mykrolis, Unit*), Coriolis Mass Flow Meter, Armored and Glass Tube Variable Meters, Purgemeters, Vaporizers, **Key Instrument** Machined acrylic flow meters, Molded plastic flow meters, Flow control valves

**Signet** Analytical Sensors and Electrodes for Ph/ORP, Conductivity and Flow Measurement, and pressure and temperature sensors

Oval Gear, Liquid Turbine Meters, Batch Controllers

Doppler Flow Meter, Portable Doppler Flow Meter, Doppler Flow Switch, Portable Transit Time Flow Meter

Magnetic, Vortex, & Propeller Meters

Gas Flow and Pressurization Measurement

In-Line & Insertion Gas Mass Flow Meters

## SAFETY DEVICES

Rupture Discs, Disc Holders, Sanitary Discs, Specialty Discs, Vent Panels, BDI Alarm System, Pressure/Vacuum Relief, Valves, Emergency Relief Valves, Blanket Gas Regulators, Flame Arrestors, Detonation Arrestors, Digester Gas Control

Combustible gas monitors, oxygen deficiency monitors, toxic gas monitors, gas risk management systems, digital protocol/translators

## LEVEL MEASUREMENT

Laser Transmitter, Magnetic Level Gauge, Magnetostrictive Level Transmitter, Guided Wave Radar Transmitter, Ultrasonic Transmitter & Switches, Vibrating Level Switches, RF, Thermal Dispersion Level Controls For Liquid and Solids Measurement

## TEMPERATURE & PRESSURE

**Celerity** Cylinder Scales, Pressure Controllers, Transducers, Regulators, Transmitters

Digital Calibrator, Hart Communicator, DMS Plant Asset Management, Manometers, Laminar Flow Elements, Wireless Transmitter/ Receiver

Diaphragm Seals, Pressure & Temperature Gauges and Transmitters

Thermocouples, RTDs, Thermowell, T/C Wire, Kwik-Fit Field Cuttable Probes, Temperature Transmitter

Pressure and Temperature Switches