



an FCX Performance Company

## REFINERY & PETROCHEMICAL LINE CARD

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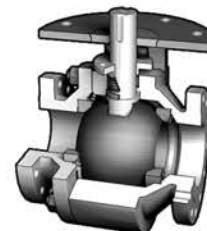
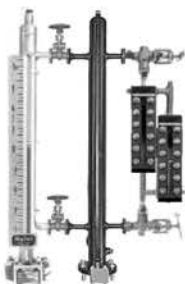


## VALVE AUTOMATION SOLUTIONS & SERVICES

- Custom Fabrication and Assemblies
- Assembly and Test
- On-Site Actuator Retro-fit to Existing Valves
- Engineering and Design
- Complete In-house Machine Shop and Fabrication
- Equipment Start-up and Field Calibration Service
- In-House Training Facility

## GLOBAL PROBLEM SOLVING™

Baro's Global Problem Solving™ is your source for a painless solution to all level, flow, valve/actuator, pump and mixer problems. The automation and repair of all quarter-turn and linear valves, level instrumentation, pump and mixer repair is not a problem with our complete in-house machine shop and production facility. Baro supports its products worldwide with experienced professionals and Factory Authorized service. No matter where you are in the world, Baro can solve your problems. If you need on-site field assistance or product shipments, including those on your emergency basis, our 24-hour Global Problem Solving™ program is there to provide your solution.



# REFINERY & PETROCHEMICAL



**ABZ Valve:** High Performance, PFA Lined and Resilient Seated Butterfly Valves in 2" - 72" 150# - 900#



**Adams:** Quarter-Turn, Rotary Tight Shut-Off Valves, Zero Leakage, Zero Maintenance, Specialty Check Valves



**AEV:** 1/2" - 30" 150# - 2500# C-Ball, Gate, Globe and Check valves from minus 196 C° up to 800 C°. Services: Cryogenic, Powder, High velocity, Mixed product, Fast cycling, ESD, Abrasive and Vacuum



**ASCO:** 2-way, 3-way and 4-way solenoid valves, redundant control systems, miniature valves and fuel gas and oil products



**A-T Controls Inc:** Complete line of carbon steel and stainless steel ball valves in NPT, SW up to 3000psi and Flanged 150#RF-600#RF. V Port Control Valves. Complete line of Pneumatic Spring Return/Double Acting Actuators, Stainless Steel Actuators, Fail Safe Electric Actuators and Standard Electric Actuators



**Baro:** Manufacture custom level bridles with all accessories, Flush Rings & Bleed Rings complete with instrument valves and panel assembly



**Cameron- TBV Inc:** Specialty Ball Valves, Instrument Valves, Flush Rings, Check Valves, Cryogenic Valves, High Alloys, Flanged and Threaded



**DSI:** Forged and Cast Steel Gate, Globe and Check Valves



**Dynatorque:** D-Stop Partial Stroke Test Device. Periodic test of ESD valves. Test your valves and allow the process flow to continue. IP 67 certified, ISA-S84.01



**Flexim:** Ultrasonic clamp on portable and fixed flow meters for liquid and gas



**Flowserve Gestra:** Steam Products - Steam Traps, Boiler Controls, Condensate Pumps, Check Valves, Control Valves, Level Controls, Conductivity Measurement and Steam Trap Surveys for Trap Mgmt



**Fluidic Techniques:** FlowPak Flow Meters, Venturi Tubes, Flow Tubes, Orifice Meter Runs, Orifice Plates & Flanges, Flow Nozzles, Condensate Chambers, AGA Meter Skids



**L.J. Star:** Sight Flow Indicators: Ball, Drip Tube and Flapper Type. Lumiglas Sight Lights and Metaglas for long life on the most challenging sight flow applications



**Magtech:** Magnetic liquid level gauges. Magnetostrictive continuous liquid level transmitters & multi-point float level switches and Guided Wave Radar Transmitters with Bridle Bypass Chambers



**Mogas:** FlexStream™ Rotary Control Valve Solution. Reduces noise, limits velocity and vibration, exceptional high rangeability and superior control



**Neway:** Convention Gate, Globe and Check Valves, Pressure Seal Valves, Through Conduit Gate Valve, Full Opening Check Valves, Bellow Seal Valves, 2" - 48" API 6D Ball Valves in 2PC, 3PC up to 1500#



**PBV:** Trunnion and Floating Ball Valves from 1/2" - 56" 150# - 2500#, 1/4" - 4" 1500WOG - 6000WOG Threaded & Socketweld Floaters and 2"-12" 150-1500# v Full Opening Swing Check Valves. Baro stocks large bore ball valves



**Quest-Tec Solutions:** Electronic water level measurement and control up to 3000psi. High Integrity Upgrade Probe Kits available on most competitors. Boiler Flat Glass Gages from 300psi - 3000psi. Applications for De-aerators, Heaters & Condensate Tanks. Armored Site Level Gages



**Remanufactured Products:** Remanufactured and guaranteed control valve and instrumentation products.



**Rotork:** Pneumatic, Hydraulic & Electric Valve Actuators. Rotary & Linear Valve Automation. Pakscan, Foundation Fieldbus, Profibus, Modbus, SIL Actuators and Wireless Solutions



**K-Tork:** Damper Drive Solutions and Pneumatic Vane Actuators, High Cycle Applications.



**Ruelco:** Pressure switches in pneumatic, differential, hydraulic & electrical, level switches in pneumatic & electric with external float cages



**Siemens:** High Precision Valve Control using Intelligent Positioners, SIL 2, HART, Profibus, Foundation Fieldbus



**Smith Flow Control:** Mechanical and electromechanical Interlocks, all based around trapped key technology. Easi Drive Portable Valve Power Unit. Flexi Drive, Remote Cable Driven Valve Operator. Product brands include: Ellis and Smith Flow Control



**Aaliant:** PD Meters, Turbine Meters, and Target Meters  
**Bindicator:** Dry Level Switches & Transmitters



**Virgo:** Trunnion and Floating Ball Valves from 1/2" - 56" 150# - 2500#, 1/4" - 4" 1500WOG - 6000WOG Threaded & Socketweld Floaters. Management



**Westlock:** Limit Switches, Proximity Switches, ICOT Smart Positioners Linear and Quarter-Turn. Network Solutions with Intellis and Partial Stroke Testing Solutions

