

Instrumentation and Controls represents manufacturers of instrumentation, process controls, safety systems and engineered systems. It is our mission to represent our product lines with knowledge and skill so that we may supply our customers with the best possible product for their applications.

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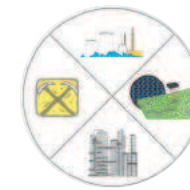
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TAVCO |
Sales & Service Company, Inc.

A Division of IAC



SERVICE

- GAS DETECTION CALIBRATION & SERVICE
- THERMAL MASS FLOW METER CALIBRATION & SERVICE
- PRESSURE, TEMPERATURE AND PH TRANSMITTER CALIBRATION & SERVICE
- FLOW METER VERIFICATION
- VALVE AUTOMATION
- GENERAL TROUBLESHOOTING OF INSTRUMENTATION & PROCESS CONTROLS
- START UP AND TRAINING SERVICE FOR IAC MANUFACTURERS

ARIZONA

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Chandler, AZ 85226
Phone: 480-921-0498
Fax: 480-921-7391

NEW MEXICO

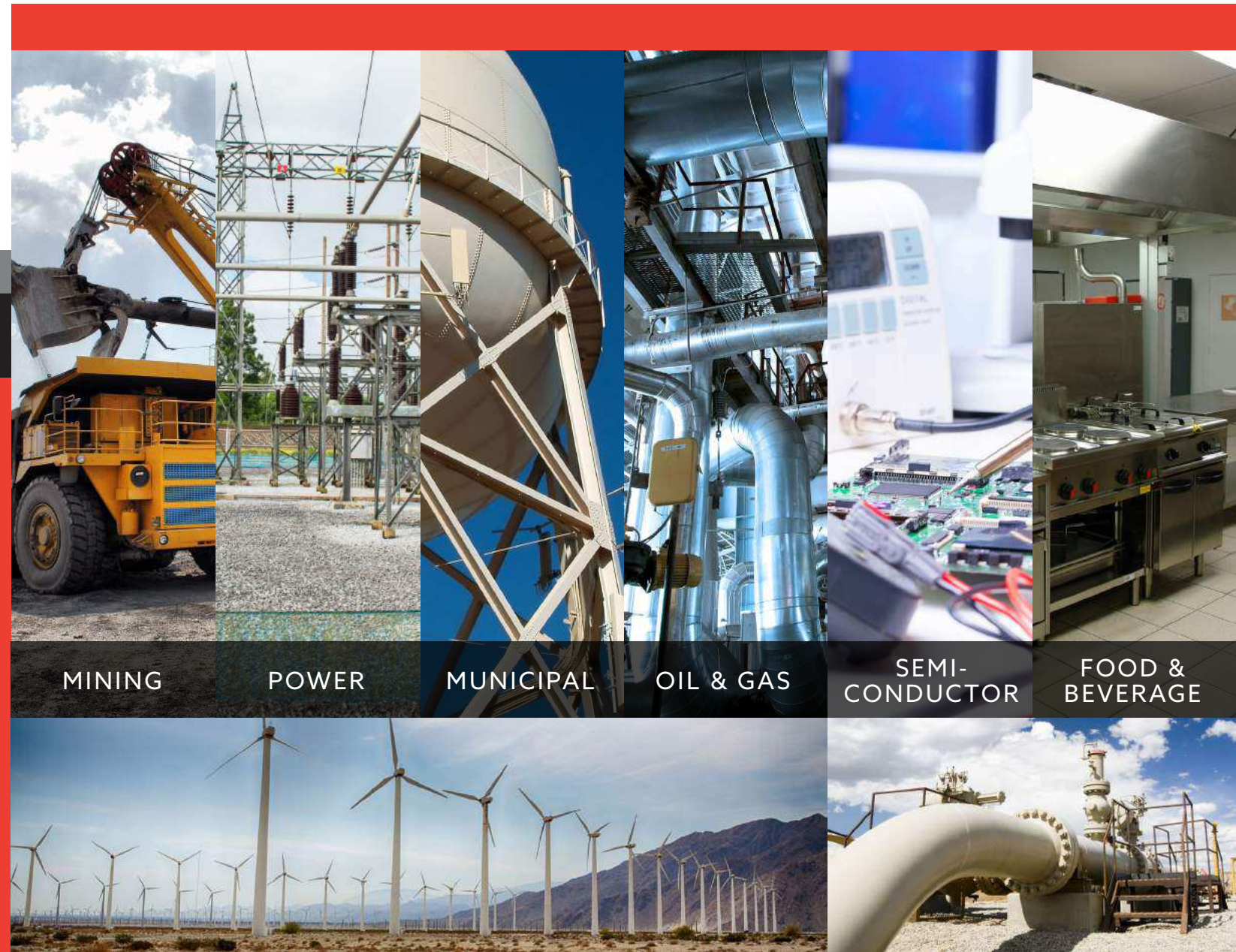
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Not sure of what you need?

We are always here to help!

Our team loves problem solving and to find you just the right products to fit your needs.

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MINING

POWER

MUNICIPAL

OIL & GAS

SEMI-CONDUCTOR

FOOD & BEVERAGE



INSTRUMENTATION, MEASUREMENT & CONTROL



MECHANICAL, VALVES & ACTUATORS



People for Process Automation

Flowmeters
Coriolis, Magnetic, Ultrasonic, Vortex, DP, Thermal Mass

Level
Vibration, Capacitance, Conductivity, Radar, TDR, Ultrasonic, Microwave, Mechanical, Radiometric, Pressure

Liquid Analyzers
pH, ORP, pION, DO, Conductivity, Chlorine, Turbidity, Silica, Phosphate, Nitrate, Ammonium, Hydrazine, Sodium

Pressure
DP, Gauge, Level, Hydrostatic, Remote Seals

Recorders
Videographic

Temperature
Transmitters, RTD's, Thermocouples, Thermowells



Calibration Equipment
Hart® Communicators, Digital Deadweight Tester, Digital Manometers, Milliamp Loop Calibrators, T/C & Rtd Calibrators, Hand Pumps

Digital Pressure Gauges
Averaging Pitot Tubes



GENERAL MONITORS
Protection for Life

Gas Sensors & Transmitters
Combustible, Toxic & Oxygen

Flame Detectors
UV, UV/IR, Multi-spectrum IR

Fire and Gas Systems
NFPA 72 compliant



Flowmeters
Thermal Mass Meters, Single Point Insertion, Multi-Point Insertion, In-Line, Portable



Gas Sensors & Transmitters
Combustible, Toxic, Permanent & Portable

Flame Detectors
UV, UV/IR, IR3

Gas Analyzers
Infrared, Solid State



Controllers
¼ Din, Single Loop, Dual Loop

Loop Monitors
4-20mA, Hart

Signal Conditioners
Isolators, Converters, Splitters

Temperature
RTD's, Thermocouples, Thermowells, Transmitters

Transducers
I/P, P/I, AC Power

Device Couplers
Foundation Fieldbus, Profibus PA

Power Supplies
Foundation Fieldbus, Profibus PA



Pressure
Gauges, Transducers, Transmitters, Diaphragm Seals

Temperature
Gauges, Sensors, Transmitters

Force
Load Cells, Transducers



Gas Analyzers
Carbon Dioxide, Hydrogen Sulfide, Acetylene, Oxygen, Ammonia

Moisture
Tunable diode laser absorption spectroscopy (TDLAS)



Switches
Electronic and Electromechanical

Switches for Pressure, Differential Pressure & Temperature

Transmitters
Pressure and Temperature

Temperature
RTD's, Thermocouples, Thermowells



Industrial Weighing Solutions
PLC Weighing Modules, Weighing Instruments, Load Cells & Platform Scales



INSTRUMENTS

Temperature & Pressure Instrumentation
Bi metal Thermometers, Pressure Gauges, Remote & Direct Mount Diaphragm Seals, Pressure Switches & Transmitters, Seal Repair & Calibration, Custom Instrument Assemblies



Electric Actuators
Multiturn, Quarterturn, Linear, Controls & Gearboxes



Valves
Triple & Double Offset Butterfly Valves, Check Valves, Block & Control Valves, Stop/Check Combined Function Valves, Metal to Metal, Zero Leakage Isolation. 3" to 160", -328 to 1700°F, up to 2500 psi.



Piping
Abrasion/Corrosion Resistant Pipe, Tile & Trowelable Products for Bottom Ash, Flyash, Coal Pipe, Chutes, Tanks, Hoppers



Butterfly Valves
ANSI Class150 & 300#, Wafer, Lug & Double Flanged Bodies 1" - 96"



Expansion Joints
Rubber expansion joints, Flexible Connectors, Rubber Flanged Hoses, & Related Accessories. Spray Shields & Penetration Seals



Air & Materials Handling
Custom Fan Design & Modification, Dampers, Expansion Joints, Mechanical Dust Collectors, Material Handling Systems, Boiler Air System Upgrade, Complete Duct System Fabrication, Field Service & 24 Hour Emergency Repair



Service
Replacement Parts, Repairs, Maintenance Upgrade Capabilities on all Dry & Wet Electrostatic Precipitators, Bag Houses, Stokers, etc. On Site technical inspections Construction Services and Engineering Support



Knife Gate Valves
Sizes from 3"-32", 150# & 300# ANSI Class, Severe Service"H" Series Incorporate 100% Full Port, Bi-Directional Shutoff No Cavities, Split Body Design, Seats Protected by Stainless Steel Retainer



Severe Service Valves
4500# ANSI Class, 1/2" - 24", Steam/Condensate Drains, Block Valve Applications, ASME "V" Stamped Electronic Relief Valve, Control & Parallel Slide Gate Valves



Diaphragm Seals
Industrial, Sanitary



Sight Flow Indicators
Industrial, Sanitary, Threaded, Flanged

Sight Windows
Threaded & Welded



Level Switches
External Cage, Displacer, Tuning Fork, Capacitance

Level Transmitters
Displacer, Capacitance



Boiler Level Gauges
Magnetic, Prismatic, Flat Glass, Water Columns, Remote Indicators.



Hygrometers
Precision Hygrometers Utilizing Ceramic and Chilled Mirror Optical Technologies



Pressure Gauges
Industrial & Process



Transducers
Pressure, Level

Gauges
Pressure, Temperature



Flowmeters
[Thermal Mass Meters & Controllers.](#)
[Coriolis Meters & Controllers.](#)
[Variable Area](#)
[Vaporizers](#)



PROCESS & FILTRATION



3M Purification Inc. Filtration
Depth, Surface, & Charge Modified Filter Cartridges, Bag Filters, Filter Housings, Single/Multi Cartridge & Bag



Separators
Vane, Multi-Cyclone, Centrifugal, Filter



Water Treatment Equipment
Deaerators, cooling towers, brine treatment, oil removal, parts and retrofits.



Water Treatment Equipment
Clarification, Filtration, Reverse Osmosis, Ion Exchange and Condensate Polishing Systems



Process Drying Equipment
Hydrogen Dryers for Turbine Generators, CO2 Degassing Systems, Process Gas Purification Dryers, Liquid Purification Dryers, Dehumidifiers, Regenerative Adsorption Dryers & Refrigeration-Type Industrial Gas Dryers.



COMMUNICATIONS



Intercom/Paging
Single Party, Multi Party, Smart Systems

Public Address/Alarming
Tone Speech Generator, Telephone Interface



Auto Dialers
Multipoint, Wired, Wireless, PLC Interfaces, Email, Paging

Web-Based Monitoring
Wireless Alarming & Notification



Rupture Discs
Tension Type, Reverse Acting, Specialized, Holders



Low Pressure Relief Products
Pressure/Vacuum Relief Valves, Flame and Detonation Arresters, Blanket Gas Regulators



PRESSURE PROTECTION