





About us

Parsian Kala Instrumentation Company is a member of Megatel International Group (which is one of famous Canadian Group to providing all of Engineering, Procurement and Commissioning Services for Tele Communications and Industrial Instrumentation & Control disciplines in all types of projects around worldwide) that is established based on Instrumentation and Control Services for providing first class Marketing, Sales, After Sales activities in key industries on Middle East, Asia Pacific and East Asia Markets.



PKI Background ◀

The main concentration & focus of our operational ranges are based on engineering services, procurement & supply of equipment and also commissioning for all ranges of Industrial Control Systems, Field Instrumentation, Metering Systems, F&G Control Panels & its relevant Detectors and also Tank Management Systems which are presenting as below tasks:

- Full Categories of designing & engineering services for Industrial Control Systems & Field Instrumentation including Explained Design, Basic Designs & Detail Engineering, etc.
- Optimizing, Developing & Revamping and of control circuits and industrial automation.
- Providing & Procurement of all Control Systems Modules and Field Instrumentation Elements including Pressure , Temperature , Flow, Level, Density and Process Analyzers from Major Players Manufacturers from American & European Countries.

By the way, we have more than 25 years experiences in all types of Industries and acting as representative of a lot of famous manufacturers and distributors from more than 50 countries.

For the procurement of required equipment to the relevant industries, we have gathered & collected several strong teams who have a valuable personal experiences and qualifications for this purposes.



Mission

Parsian Kala Instrument Co. is one of Major Player companies in fields of engineering & Procurement for all of needed projects equipment.

Our company is responsible to providing All needed supports and Services on Instrumentation, Piping, Fittings, Flanges and All types of Control Systems as an

Engineering, Procurement and Commissioning (EPC) arm for Oil, Gas, Petrochemical, Power-plants and other key industries in Our country and also around of Middle East Countries by using of more than 25 years Industrial experiences in our group and Cooperating with other popular European, Middle East, Asian and American Manufactures & global solution-makers around of worldwide.

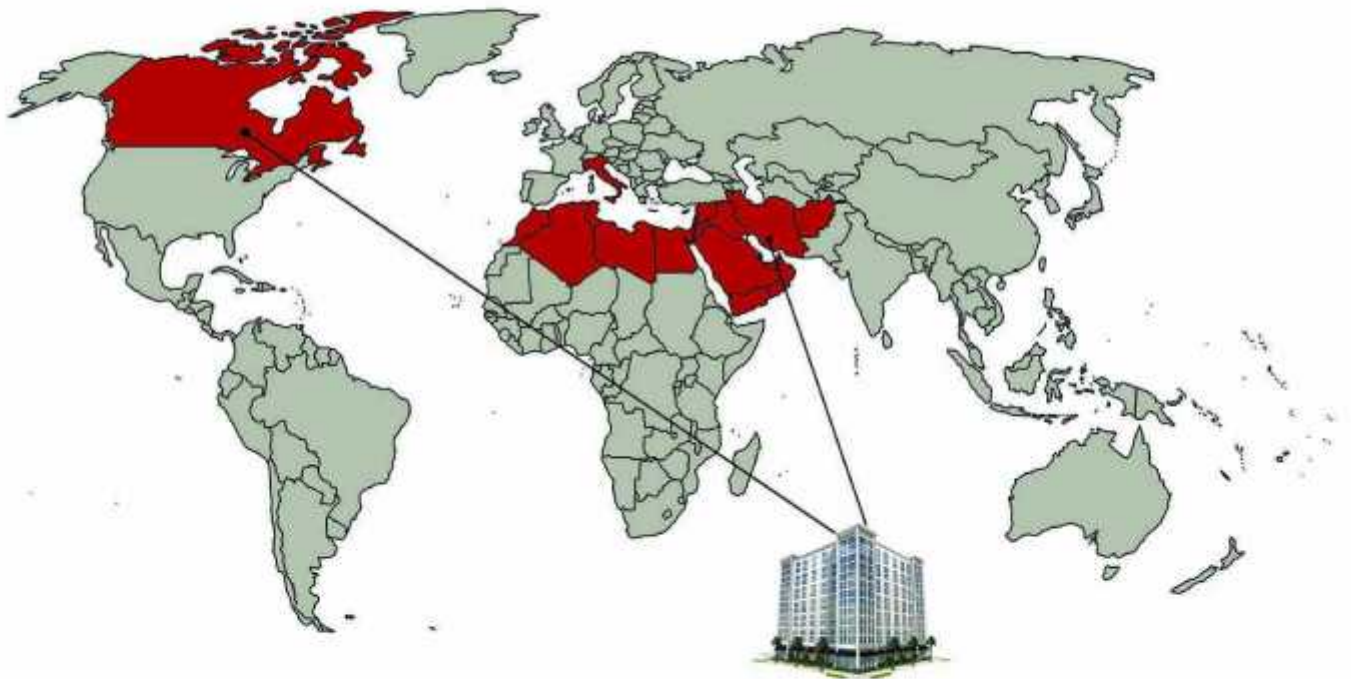


Professional Categories ◀

- 1.Measuring Field Instruments and Process Analyzers
- 2.Industrial Control Systems including DCS, ESD, F&G Control Panel, SCADA
- 3.Custody Transfer Oil & Gas Metering Systems
- 4.Fire and Gas (F&G) Field detectors and Accessories
- 5.Process and Control Valves & Fittings
- 6.Leak-Detection Systems
- 7.HMI SCADA & Industrial software
- 8.Tank Inventory, Tank Management and Gauging Systems
- 9.All types of Pipes , Flanges and Fittings
10. Full range of Control & Manual valves (Gate, Globe, Butterfly, Ball, check and etc.)
11. Training Center
12. Engineering Services including Basic and details for
13. Above-mentioned disciplines



Market Sectors



The target markets For Parsian Kala Instrument Co. are entire Middle East especially Egypt, Iran, Kuwait, Lebanon, Morocco, Oman, Qatar, Saudi Arabia (KSA), United Arab Emirates and Commonwealth of Independent States (CIS)

Turkmenistan, Belarus, Russia, Armenia, Georgia, Ukraine and Azerbaijan.

PKI has branch offices in Canada, Switzerland, Italy, UK and UAE-Dubai for developing of engineering and sales capabilities to prepare more facilities and better access to worldwide markets for quality and customer focus, with an ongoing commitment to innovation and excellence.



Organization Chart

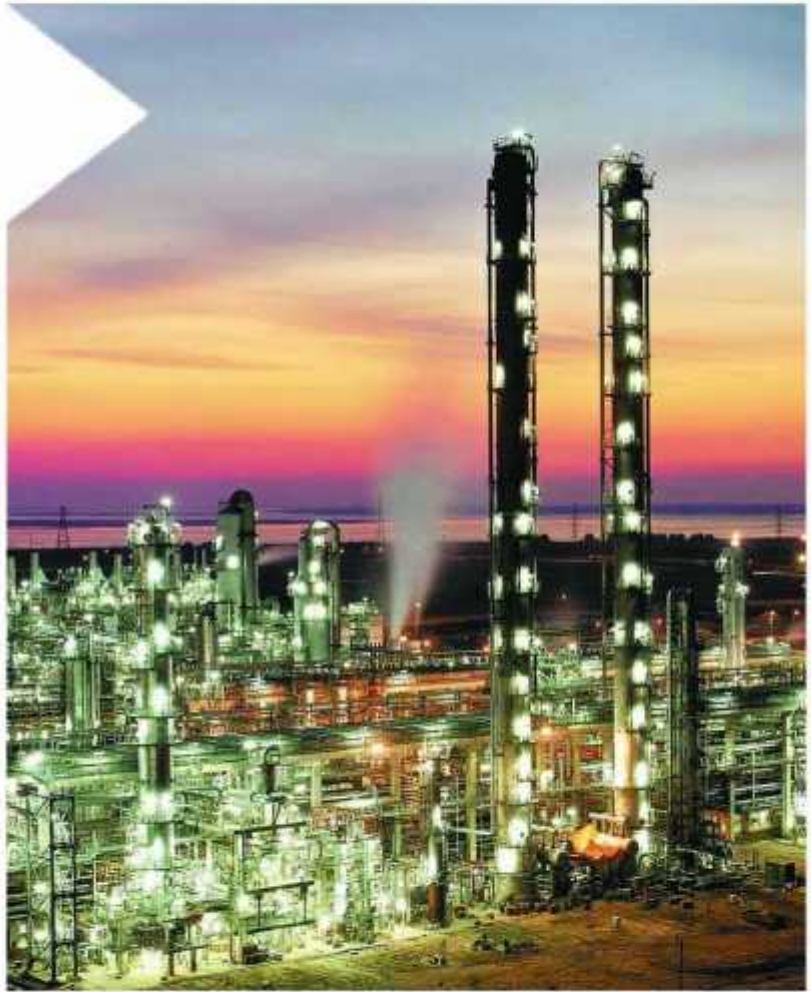


For the procurement of required equipment to the relevant industries, we have gathered strong teams in our group who have valuable personal experiences and qualifications for this purpose.

Meanwhile, all of our colleagues have been trained in our company & foreign manufacturers and they are too familiar with following companies & their products.



Industrial Applications



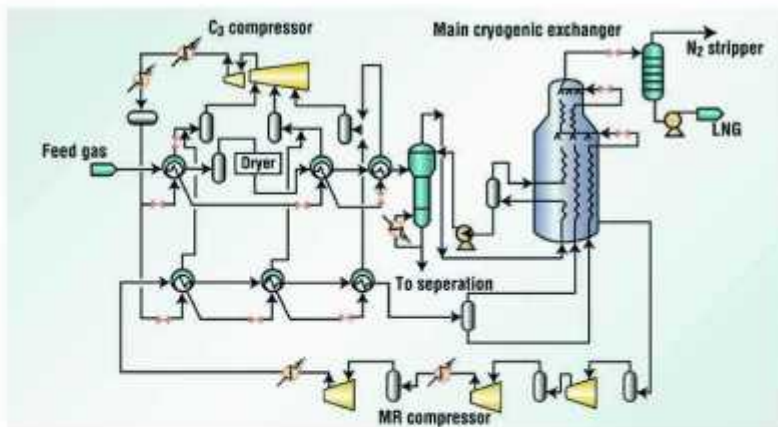


Industrial Applications

- Platforms
- On-Shore Plants & Applications
- Off-Shore Plants & Applications
- Oil Refineries
- Gas Refineries
- Oil Pump Stations
- Turbo Compressor Stations
- Oil Export Terminals
- Desalting Units
- Gas Sweetener Plants
- Petrochemicals and By-Products Plants
- Oil & Gas Treatment Plants
- Oil & Gas Utilities Plants
- Oil & Gas Tank Farms
- All Type of Power Plants
(Combine Cycle, Fuel, Gas, Steam)
- Chemical plants
- Cement plants
- Water and waste water plants
- Food and Beverage
- Steel and Mining Applications



EPC of Instruments & Control for Special Application is our job ◀





Product & Services



▶ Pressure Instruments

- Pressure Indicators and Gauges
- Pressure Transmitters
- Pressure Switches
- Differential Pressure Indicators & Gauges
- Differential Pressure Switches
- Differential Pressure Transmitters
- Vacuum Pressure Gauges & Transmitters
- Pressure Transducers, Electronic I/P
- Pressure Transducers, Pneumatic P/I
- Pressure Calibrators
- Pressure Controllers
- Pressure Regulators
- Pressure Recorders
- Pressure & Differential Transmitters, Pneumatic





Product & Services

Level Instruments ◀

- Level Indicators and Gauges
- Level Instrumentation, Magnetic
- Level Instrumentation, Displacer/LVDT
- Level Instrumentation, Displacer/ Torque Tube
- Level Instrumentation, Nuclear
- Level Instrumentation, Radar
- Level Instrumentation, Floating
- Level Instrumentation, Hydrostatic
- Level Instrumentation, Solids
- Level Instrumentation, Ultrasonic
- Level Switches (All Types)
- Level Transmitters, Electronic -Diff. Pressure Transmit.
- Level Transmitters, Pneumatic
- Tank Management Systems
- Tank Gauging Systems
- Tank Inventory Systems
- Level & Interface , Liquid
- Level & Interface , Liquid, Resistance
- Level & Interface, Liquid, Back-Pressure
- Level & Interface, Liquid, Differential Pressure
- Level & Interface , Liquid, Float-Operated
- Level & Interface, Mechanical / Servo Gauge
- Level & Interface, Non-Contact
- Level & Interface Transmitters, Capacitance& RF
- Level Controllers
- Level Controllers& Transmitters, Sludge Blanket





Product & Services

- Flow Indicators And Gauges
- Flow Provers
- Flow Regulators, Gas
- Flow Regulators, Liquid
- Flow Sensors
- Flow Sensors, Paddlewheel
- Flow Switches
- Flow Totalizers
- Flow Transmitters, DPT-Electronic
- Flow Transmitters, DPT-Pneumatic
- Flowmeters, Coriolis Mass,(Also See Flowmeters, Mass)
- Flowmeters, Magnetic
- Flowmeters, Mass
- Flowmeters, Open Channel
- Flowmeters, Orifice
- Flowmeters, Pitot
- Flowmeters, Positive Displacement
- Flowmeters, Rotameters , (Variable Area Flowmeter)
- Flowmeters, Solids
- Flowmeters, Swirl And Vortex Shedding
- Flowmeters, Target
- Flowmeters, Thermal Mass
- Flowmeters, Turbine And Propeller
- Flowmeters, Ultrasonic
- Flowmeters, Venturi And Flow Tube
- Gauge Glass
- Oil Metering Systems(For Export Terminals)
- Flow Calibrators
- Flow Computers
- Flow Conditioners
- Flow Controller

Flow Instruments ◀





Product & Services



Temperature Instruments ◀

- Temperature Gauges
- Temperature Regulators
- Temperature Sensors, Liquid / Gas Filled
- Temperature Sensors, IR
- Temperature Sensors, Non-Contact
- Temperature Sensors, Resistance
- Temperature Sensors, Solid State/Semiconductor
- Temperature Sensors, Thermistor
- Temperature Sensors, Thermocouples
- Temperature Switches

- Temperature Transmitters, Electronic
- Temperature Transmitters, Pneumatic
- Temperature Monitoring Systems
- Temperature Calibrators
And Accessories
- Temperature Controllers, Electronic
- Temperature Controllers, Pneumatic
- Temperature Indicators, Electronic
- Temperature Indicators, Mechanical
- Temperature Indicators, Pneumatic





Product & Services



Control valve and Accessories ◀

- Valve Position Transmitters
- Valve Positioners (On Field)
- Valve Trim And Accessories
- Valves, Air-Operated (Pneumatic)
- Valves, Angle
- Valves, Ball
- Valves, Bellows Sealed
- Valves, Butterfly
- Valves, Cage
- Valves, Check
- Valves, Diaphragm
- Valves, Digital
- Valves, Directional
- Valves, Drag
- Valves, Electrohydraulic
- Valves, Electro pneumatic
- Valves, Non-Returned
- Valves, Gate And Sluice
- Valves, Globe
- Valves, High-Pressure
- Valves, High-Temperature
- Valves, Hydraulic
- Valves, Magnetic, Electromagnetic
- Valves, Manifold
- Valves, Motor-Operated
- Valves, Multiport
- Valves, Needle And Instrument, Miniature
- Valves, Pinch
- Valves, Plastic
- Valves, Pneumatic
- Valves, Pressure-Reducing And Regulating
- Valves, Proportioning
- Valves, Quick-Closing
- Valves, Relief And Safety



Product & Services



Oil & Gas Metering Systems

- Fiscal Metering Systems
- Custody Transfer Skid Metering Systems
- Mobile / Fixed Prover and Auto-Sampling Systems
- Supervisory Control Systems for Metering Package
- Full Range of Metering Instruments (Pressure, Temperature, Flow Computers, Recorders, Flow meters, Differential Pressure Transmitters & Switches)
- Full Range of Metering Analyzers (H₂S, Density, Water-Cut Meter, Gas analyzers and etc.)

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Product & Services

Oil & Gas Level Control Systems ◀

- Tank Management Systems (TMS)

The receiving systems can also be equipped with host communication interfaces for connection to plant management systems i.e.:

- Distributive Control Systems (DCS),
- Integrated Control Systems (ICS),
- Oil accounting system.

- Tank Inventory System (TIS)

Tank inventory management systems, specially developed for tank farms & equipped with suitable host links, will have distinct advantages.



- Tank Gauging System (TGS)

A wide range of different tank gauging instruments is available. The employed techniques are more complementary than competitive as each measuring principle has its own advantages.

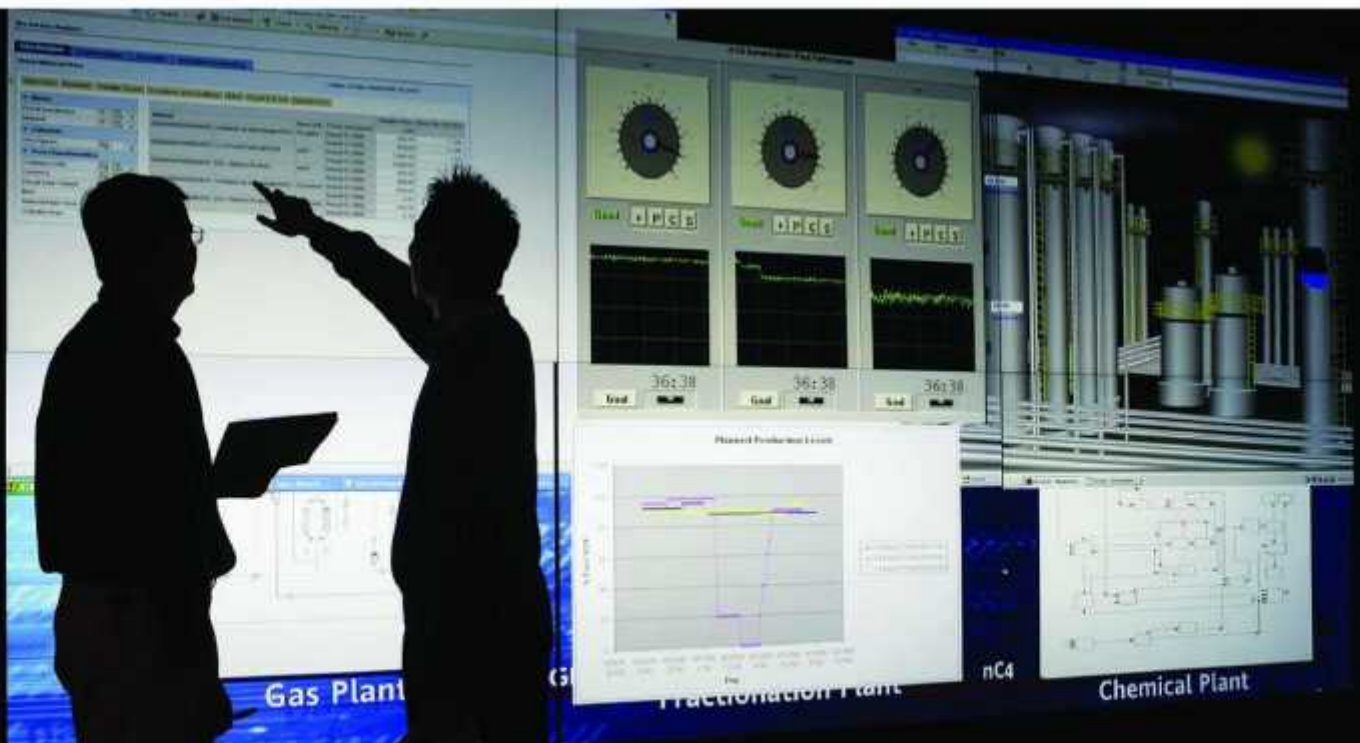
Modern servo & radar gauges have improved considerably.

They hardly need any HTG is to be preferred if mass is the desired measurement for inventory and custody transfer Approval.



Product & Services

Control Systems, Monitoring ◀ Signal Processing



- Control Systems, Integrated, Continuous Process
- Control Systems, Integrated, Electronic, Analog
- Control Systems, Integrated, Pneumatic
- Control Systems, Integrated, SCADA
- Controllers, Electron pneumatic PID
- Controllers, General Purpose ,Electronic
- Controllers, General Purpose, Hydraulic
- Controllers, General Purpose, Pneumatic

- Controllers, PLC , (Programmable Logic Controllers)
- Controls, Electrohydraulic
- Controls, Electro pneumatic
- Controls, Pneumatic
- Controls, Proportioning
- Controls, Remote
- Converters, Analog To Digital
- Converters, Digital To Analog
- Display Systems, Analog



Product & Services



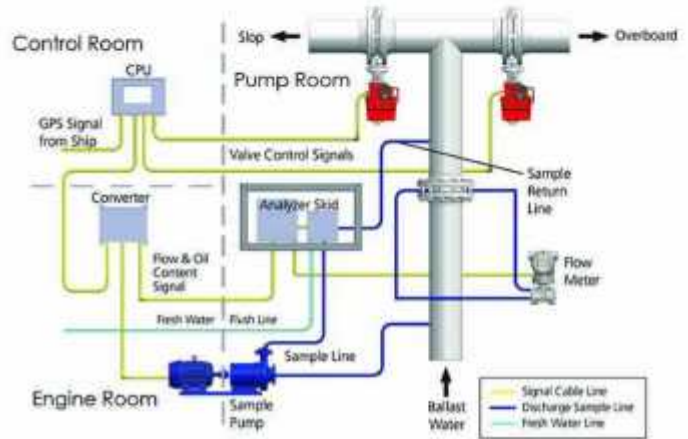
- Display Systems, Graphic
- Displays, Touch Screen
- Distributed Control Systems (DCS)
- Fieldbus Networks
- Fieldbus Networks, Cards
- Fieldbus Networks, Connectors
- Fieldbus Networks, Software
- I/O Modules

- Networks, Ethernet Components & Systems
- Networks, Protocol Converters
- Networks, Security Systems
- PC-Based Control Software
- PLC , (Programmable Logic Controllers)
- Process Control Monitors
- Alarm Systems
- Annunciators



Product & Services

- Barriers, Intrinsic Safety
- Batch Control Systems
- Communications Systems/Devices
- Control Components
- SCADA
- Software, Application
- Software, Automation
- Software, Batch
- Software, Calibration



- Software, Communications
- Software, Control
- Software, Data Acquisition
- Software, Data Security
- Software, Display
- Software, Fuzzy Logic
- Software, Industrial I/O
- Software, Inventory Management
- Software, MMI/HMI
- Software, PC-Based Control
- Software, PID Tuning
- Software, Process Monitoring And Control
- Software, Process Simulation
- Software, Simulation
- Software, Sizing And Selection
- Software, Vision
- Software, Optical And Infrared
- Software, Wireless
- Television, Industrial, CCTV





Product & Services

F&G Systems ◀



- UV/ IR Flame Detectors
- All Type of Gas Detectors
- F&G Control systems and advance monitoring systems
- Industrial Smoke & Head Detectors
- Conventional and Addressable Fire Alarm systems
- Industrial Fire Fighting systems and Modules
- All Flame, Gas, Smoke and Heat Accessories



Product & Services

Miscellaneous ◀

- Loop Power Indicator
- PI Digital Panel Indicator
- Multi Channels Indicator
from 4 up to 48 channels Indication
- Desktops Multi Channel Indicators
- Bar graph Liquid Level Indicators



- Microprocessor Based Counter
- Bar graph/Digital display Panel meter
- Microprocessor Power quality meter
- Density Meter
- Intelligent Tachometer & Frequency Meter
- Displacement Meter
- Digital Ammeter/Voltmeter/Ohmmeter
- High Impedance Ohmmeter

- PID+Fuzzy Temperature Controller
- Process Controller with four Limits Alarm
- Process Controller for Production Line
- Intelligent PID Process Controller
- Economical Intelligent PID Process Controller
- Intelligent Programmable Process Controller





Product & Services

- Temperature and Humidity Controller
- Weight Controller and Indications
- Two Channels Controller
- Double Display (PV&SV) Controller
- Single Display Controller
- Intelligent Molten Steel Controller
- 6&8 Channel Loop Controller
- Intelligent Differential Temperature Controller
- Intelligent PID Position Proportion Controller
- Manual Operation Controller
- Recorder Accessories , (Chart Paper, Pen, Ink)
- Recorders, Circular Chart



- Recorders, Strip Chart
- Recorders, Paperless
- Recorders, Digital
- Recorders, Event
- Recorders, Pressure, Mechanical
- Recorders, Temperature ,Mechanical
- Recorders, Pneumatic
- Recorders, Loggers
- Recorders, Magnetic Tape And Disk
- Recorders, Multipoint
- Data Acquisition Systems
- Data Acquisition, Data Loggers
- Data Acquisition, I/O Boards
- Data Acquisition, Portable Systems
- Data Acquisition, Remote System
- Data Acquisition, Software
- Data Devices, Wireless
- Data Loggers
- Data Storage



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