INSTRUTECH
CORPORATION

YOUR PROCESS PARTNER

WHAT WE OFFER

- Process Control
- Test & Measurement
- Final Control Element
- Automation
- Analytical

ABOUT US

Instrutech Corporation stands at the forefront of business-to-business solutions in instrumentation products, systems, and services. Our success is driven by a clear vision, sustained commitment to excellence, forward-thinking leadership, and a dedicated workforce supported by strong corporate governance.

We combine deep local expertise with a global outlook, enabling us to effectively serve customers across diverse markets. By leveraging advanced supply chain capabilities and modern omnichannel technologies, we ensure seamless experiences and deliver high-quality service that enhances everyday operations for our clients.

Sustainability is at the core of our business philosophy. We actively focus on initiatives that reduce environmental impact, conserve resources, and contribute to long-term social and economic progress.

Our people are the foundation of our organization. We embrace diversity, encourage individuality, and foster meaningful connections with employees, customers, and partners—whether through digital platforms or in-person collaboration.

Driven by ambition and an entrepreneurial spirit, we continuously evolve through innovation and industry expertise. While we pursue growth and profitability, we remain committed to reinvesting in the future to create lasting value.

We believe in adaptability, integrity, and accountability. Our ethical practices and high standards guide every aspect of our operations, ensuring trust and reliability in all that we do.

By partnering with reputable suppliers, we offer a wide range of premium-quality products. Our vendors are recognized for their commitment to excellence, and we consistently meet market demands with reliable supply, efficient logistics, and timely delivery.

At Instrutech Corporation, our diversity strengthens us—empowering us to achieve more together.

INSTRUTECH CORPORATION

CHASE THE EXCELLENCE

MISSION

To empower businesses by delivering high-quality instrumentation solutions through advanced supply chain capabilities, modern technologies, and a customer-centric approach—while fostering sustainable practices, strong partnerships, and continuous innovation.

VISION

To be a leading and trusted provider of instrumentation products, systems, and services, recognized globally for innovation, sustainability, and excellence in delivering seamless business solutions.

OBJECTIVES

- ✔ To deliver reliable, high-quality products and services that meet evolving customer needs
- ✔ To strengthen supply chain efficiency and ensure timely, seamless delivery across markets
- ✔ To expand market presence through innovation and a global outlook backed by local expertise
- ✔ To build long-term partnerships with customers, suppliers, and stakeholders

CORE VALUES

01 INTEGRITY

02 CUSTOMER COMMITMENT

03 INNOVATION

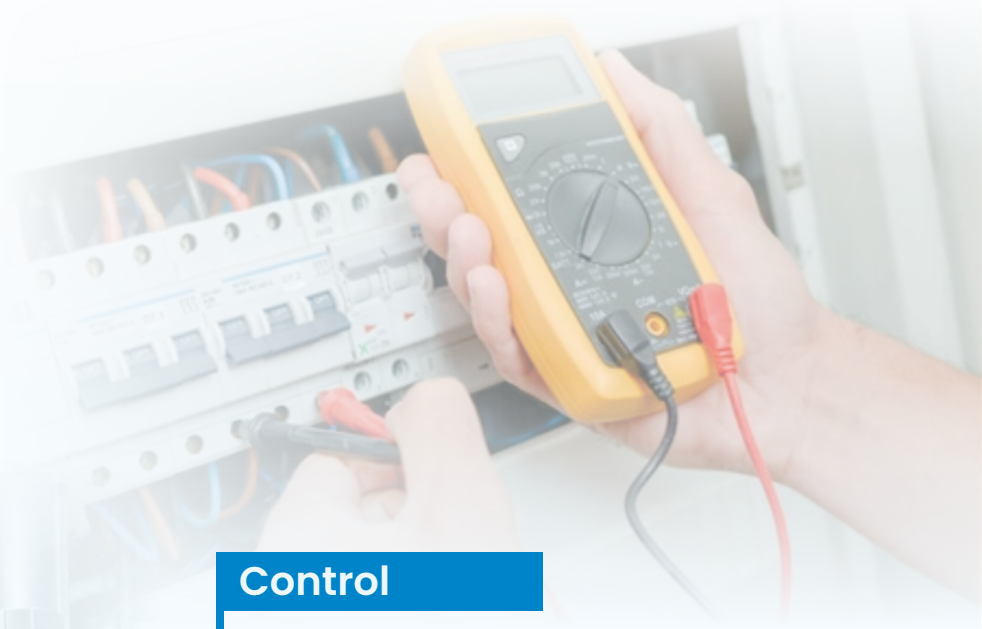
04 SUSTAINABILITY

05 EXCELLENCE

INSTRUTECH CORPORATION

CHASE THE EXCELLENCE

OUR PORTFOLIO



Measurement

- ✔ Pressure
- ✔ Level
- ✔ Temperature
- ✔ Flow
- ✔ Test & Measurement

Control

- ✔ Control Valves
- ✔ Actuators
- ✔ Positioners / Process Controllers
- ✔ Controllers & Recorders

Analytics

- ✔ Process Analyzers
- ✔ Gas Analyzers
- ✔ Lab Instruments
- ✔ pH conductivity meter

Automation

- ✔ Industrial Sensors & Controllers
- ✔ PLC & Modules
- ✔ Automation Panels

Process Control

Pressure Instruments

• Pressure Gauges

Pressure gauges are mechanical instruments used to measure and display the pressure of a fluid in a system.

Key Features : • Provide local indication of pressure | • Simple and cost-effective | • No external power required

• Pressure Transmittor

Pressure transmitters are electronic devices that measure pressure and convert it into an instrumentation signal (typically 4–20 mA or digital signals) for monitoring and control systems.

Key Features : • High accuracy and reliability | • Suitable for remote monitoring

• Pressure Switches

Pressure switches are devices that activate or deactivate an instrumentation contact when a preset pressure level is reached.

Key Features : • Used for control and safety | • Adjustable set points | • Fast response

Temperature Instrumnets

• RTD

RTD is a temperature sensor that works on the instrumentation resistance of a metal changes with temperature.

Key Features : • High accuracy and stability | • Good repeatability

• Thermocouples

Thermocouples are temperature sensors that generate a voltage when two different metals are joined and exposed to temperature differences.

Key Features : • Wide temperature range | • Fast response time | • Rugged and durable

• Temperature Transmitter

Temperature transmitters convert temperature signals from sensors (RTD or thermocouple) into standardized instrumentation signals (e.g., 4–20 mA) for control and monitoring.

Key Features : • Signal conditioning and amplification | • Noise reduction for accurate transmission

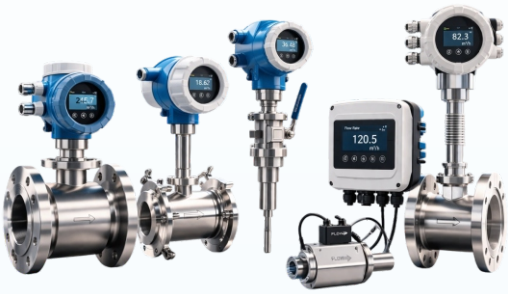
• Temperature Controller

Temperature controllers are devices used to maintain a desired temperature by controlling heating or cooling devices.

Key Features : • Automatic temperature regulation | • High precision control | • User-set temperature values

Process Control

Flow Measurement Instrument



Electromagnetic Flowmeter

An electromagnetic flowmeter measures the flow of conductive liquids based on Faraday's law of electromagnetic induction. When the fluid passes through a magnetic field, a voltage is generated proportional to the flow rate.

Ultrasonic Flow Meter

Ultrasonic flow meters use sound waves to measure the velocity of fluid flow. They operate on transit-time or Doppler principles, making them suitable for both clean and dirty fluids.

Turbine Flow Meter

A turbine flow meter measures flow by detecting the rotational speed of a turbine placed in the fluid stream. The speed of rotation is directly proportional to the flow rate. It provides high accuracy for clean fluids and is commonly used in fuel measurement, chemical processing, and liquid flow applications.

Mass Flow Meter

Mass flow meters measure the mass of fluid passing through a system rather than volume. Common types include Coriolis and thermal mass flow meters.

Flow Switches

Flow switches are devices used to detect the presence or absence of flow in a system and trigger an instrumentation signal when flow reaches a set point.

Level Measurement Instruments

Level Transmitter

A level transmitter is used to continuously measure the level of liquids or solids in a tank or vessel and convert it into a standard output signal (like 4–20 mA) for monitoring and control.

Radar Level Transmitter

A radar level transmitter uses microwave signals to measure the level of a substance. It provides high accuracy and is suitable for harsh conditions, high temperatures, and pressurized tanks.

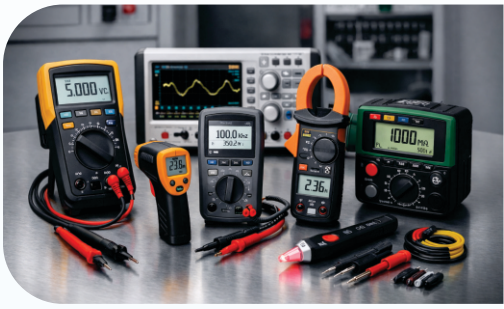
Ultrasonic Level Transmitter

It is non-contact, easy to install, and commonly used for liquid level measurement in water tanks and open channels.

Float Level Switches

Float level switches are simple devices used to detect specific liquid levels in a tank. These are mainly used for level indication, pump control, and safety applications in tanks and reservoirs.

Test & Measurement



Digital Multimeter

A digital multimeter is a versatile instrument used to measure instrumentation parameters such as voltage, current, and resistance. It provides accurate digital readings and is widely used for troubleshooting and maintenance in instrumentation and electronic systems.

Clamp Meter

A clamp meter measures current without directly contacting the conductor by clamping around it. It works on the principle of magnetic field detection and is especially useful for measuring high currents safely in industrial and instrumentation installations.

Process Calibrators

Process calibrators are used to test, calibrate, and verify the accuracy of process instruments like transmitters, sensors, and gauges. They can simulate and measure signals such as voltage, current (4–20 mA), and temperature, ensuring proper instrument performance.

Power Analyzers & Power Meters

Power analyzers and power meters measure instrumentation power parameters such as voltage, current, power factor, energy consumption, and harmonics. They are essential for energy auditing, efficiency analysis, and monitoring instrumentation systems.

Temperature Test Instruments

Temperature test instruments are used to measure and verify temperature in systems and devices. These include handheld thermometers, infrared thermometers, and temperature calibrators, commonly used in maintenance and quality control.

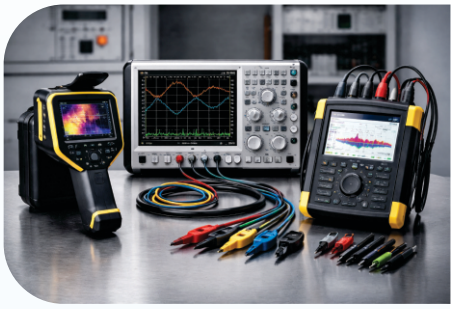
Recorders / Data Loggers

Recorders and data loggers are devices used to continuously record and store data over time, such as temperature, pressure, or voltage. They help in monitoring trends, analyzing performance, and maintaining records for industrial processes.

Data Acquisition (DAQ

Data Acquisition systems collect, measure, and analyze data from various sensors and instruments. DAQ systems convert real-world signals into digital data for processing, visualization, and storage, widely used in automation, research, and testing applications.

Oscilloscope



An oscilloscope is an electronic test instrument used to visualize instrumentation signals as waveforms on a screen. It helps in analyzing signal characteristics such as voltage, frequency, time period, and noise, making it essential for troubleshooting and circuit design.

Insulation Tester / Megger

An insulation tester, commonly known as a Megger, is used to measure the insulation resistance of instrumentation equipment like cables, motors, and transformers. It applies a high DC voltage to check leakage current and ensures instrumentation safety and reliability.

Thermal Imager

A thermal imager is a device that detects infrared radiation and converts it into a visual image showing temperature differences. It is widely used for detecting hotspots, instrumentation faults, and energy losses in mechanical and instrumentation systems.

Infrared Thermometer

An infrared thermometer measures temperature without physical contact by detecting infrared energy emitted by an object. It is useful for quick and safe temperature measurements in hazardous or hard-to-reach areas.

Probes and Sensors

Probes and sensors are essential accessories used with measuring instruments to detect physical parameters like temperature, pressure, or instrumentation signals. They act as the interface between the system and the measuring device.

LCR / Resistance Meter

An LCR meter measures inductance (L), capacitance (C), and resistance (R) of electronic components. It is widely used in electronics testing, component selection, and circuit analysis for accurate measurements.

Optical Testing Equipment

Optical testing equipment is used to test and measure parameters in fiber optic communication systems, such as signal loss, continuity, and power levels. Common tools include optical power meters and OTDR (Optical Time Domain Reflectometer), used in telecom and networking industries.

Final Control Element

Control Valves

Control valves are final control elements used in process industries to regulate the flow, pressure, temperature, or level of fluids by varying the flow passage. They operate based on signals received from controllers and play a key role in maintaining desired process conditions.

Ball Valves

Ball valves use a rotating ball with a hole (bore) to control flow. When the hole aligns with the flow, fluid passes; when turned, flow stops. They provide quick operation, tight sealing, and are suitable for on/off applications.

Butterfly Valves

Butterfly valves consist of a rotating disc mounted on a shaft that controls flow. They are lightweight, cost-effective, and ideal for large flow applications such as water distribution and HVAC systems.

Globe Valves

Globe valves regulate flow using a movable disc and a stationary ring seat. They offer precise flow control and are commonly used where throttling is required, though they have higher pressure drop.

Plug Valves

Plug valves use a cylindrical or tapered plug with a passage to control flow. By rotating the plug, flow is started or stopped. They are simple, reliable, and suitable for on/off and some throttling applications.

Check Valves

Check valves allow fluid to flow in one direction only and automatically prevent backflow. They operate without manual control and are essential for protecting equipment like pumps and compressors.

Gate Valve

Gate valves use a sliding gate or wedge to start or stop flow. They provide minimal flow resistance when fully open and are mainly used for isolation rather than flow regulation.

Swing/Lift Check Valve

Swing and lift check valves are types of check valves. Swing check valves use a hinged disc that swings open with flow and closes when flow reverses, while lift check valves use a disc that lifts off its seat. Both are used to prevent reverse flow in pipelines.

Actuators & Positioners

Electrical Actuators

Electrical Actuator

instrumentation actuators use electric motors to produce motion. They are precise, easy to control, and widely used in automation systems where instrumentation power is readily available.

Hydraulic Actuator

Hydraulic actuators use pressurized fluid to generate high force and motion. They are suitable for heavy-duty applications requiring high power and are commonly used in industrial machinery.

Pneumatic Actuator

Pneumatic actuators operate using compressed air to create motion. They are fast, reliable, and widely used in process industries due to their simplicity and safety in hazardous environments.

Mechanical Actuator

Mechanical actuators use manual or mechanical means such as gears, levers, or screws to create motion. They are simple, cost-effective, and used where automation is not required.

Positioner

Pneumatic Positioners

Pneumatic positioners use air pressure signals to control valve position. They compare input air signal with valve position and adjust accordingly for precise control.

Electro-Pneumatic (I/P) Positioners

These positioners convert instrumentation signals (usually 4–20 mA) into pneumatic signals using an I/P (current to pressure) converter, allowing integration of electronic control systems with pneumatic

Electro-Mechanical / Electric Positioners

Electric positioners use instrumentation signals and motors to control valve position. They provide high precision and are suitable for fully electric control systems.

Digital / Smart Positioners

Digital or smart positioners use microprocessors to control valve position with high accuracy. They offer features like diagnostics, communication, and self-calibration, improving system efficiency and maintenance.

Mechanical / Manual Positioners

Mechanical or manual positioners adjust valve position using mechanical linkages without automatic control. They are simple and used in basic or non-critical applications.

Automation Instruments

Sensors & Transmittors

Temperature Sensor / Transmitter

Temperature sensors (like RTDs and thermocouples) detect temperature changes and convert them into instrumentation signals, while transmitters process these signals into standard outputs (such as 4–20 mA) for monitoring and control in industrial systems.

Pressure Sensor / Transmitter

Pressure transmitters further convert this signal into a standardized output for use in control systems, ensuring accurate pressure monitoring.

Flow Sensors / Transmitters

Flow sensors detect the rate of fluid flow using different principles (like electromagnetic or ultrasonic), and transmitters convert these measurements into usable instrumentation signals for control and analysis in process industries.

Level Sensors / Transmitters

Level sensors measure the level of liquids or solids in tanks or vessels, and transmitters convert this information into standardized signals for continuous monitoring and control in industrial applications.

Controllers & Automation systems

PLC

A PLC is an industrial digital computer used to control machines and processes. It executes programmed instructions to automate tasks such as switching, timing, counting, and sequencing in industries.

DCS

A DCS is a centralized control system used in large industrial processes where control functions are distributed across multiple controllers.

PID Controllers

PID (Proportional-Integral-Derivative) controllers are used to maintain process variables like temperature, pressure, and flow at desired setpoints by continuously calculating and correcting errors.

SCADA

SCADA systems are used for monitoring and controlling industrial processes remotely. They collect real-time data from sensors and devices, display it on interfaces, and allow operators to supervise and control operations efficiently.

Analytical Instruments

Gas detectors / Analyzers

A Gas Analyzer is a device that measures the concentration or composition of gases in a mixture, providing real-time data for process control, safety, or environmental compliance.
The main types include electrochemical sensors (for toxic gases like CO, H2S), infrared (IR) analyzers (for CO2, hydrocarbons), paramagnetic analyzers (for oxygen), and flue gas analyzers (for combustion monitoring).

PH Condustivity Meter

pH / Conductivity / Ion Selective Measurement Instruments - pH / Conductivity / Ion-Selective Measurement Instruments are devices that measure key chemical parameters such as acidity/alkalinity (pH), instrumentation conductivity, or specific ion concentration in liquids.

Dissolved Oxygen Sensor

A Dissolved Oxygen (DO) Sensor is designed to measure the concentration of oxygen dissolved in water or other liquids. It plays a vital role in maintaining water quality, ensuring process efficiency, and supporting environmental compliance across industries.
The sensor measures dissolved oxygen using electrochemical or optical technology. It detects oxygen levels in the liquid and converts them into an instrumentation signal, which is then displayed or transmitted to monitoring systems.

Turbidity Solids Sensors

Turbidity and Suspended Solids Sensors are designed to measure the clarity of liquids and the concentration of suspended particles. These sensors are essential for monitoring water quality, optimizing treatment processes, and ensuring regulatory compliance across a wide range of industries.
The sensor operates on the principle of light scattering. A light beam is emitted into the liquid, and suspended particles scatter the light. The intensity of scattered light is measured and correlated to turbidity or total suspended solids (TSS) concentration.

Online Chemical Concentration Analyzer

An Online Chemical Concentration Analyzer is designed to continuously measure the concentration of chemicals in liquids, enabling accurate monitoring and control of industrial processes. It ensures optimal chemical usage, improved efficiency, and compliance with quality standards.

INSTRUTECH CORPORATION

CHASE THE EXCELLENCE

SECTORS WE ARE IN

Diverse Applications, One Trusted Partner

- Chemical & Pharmaceutical
- Food & Beverage
- Automotive
- Manufacturing & Power
- Oil & Gas
- Water Treatment
- FMCG

BRANDS WE RETAIL

WIKA, FORBES MARSHALL, Baumer Passion for Sensors, FLUKE, KEYSIGHT TECHNOLOGIES, ROHDE&SCHWARZ, Tektronix

Megger, RISHABH INSTRUMENTS, FLIR, HIOKI, EXTECH A FLIR COMPANY, KSB, L&T Valves

FLOWSERVE, KROHNE, Dwyer, Mitutoyo, SELEC Creating Best Value, EMERSON, Schneider Electric

ABB, Honeywell, YOKOGAWA, Endress+Hauser

Key Factors to Partner with Us

Selecting the right instrumentation partner is essential for achieving precision, reliability, and sustained operational excellence. We distinguish ourselves by delivering comprehensive, value-driven solutions tailored to meet the evolving needs of modern industries.

Established Domain Expertise

Our team brings extensive industry experience and in-depth technical knowledge across diverse instrumentation applications. We are adept at understanding complex process requirements and delivering solutions that ensure consistent and reliable performance.

Superior Product Quality

We provide precision-engineered instrumentation that adheres to stringent international quality standards. Our products are rigorously evaluated to ensure accuracy, durability, and long-term operational stability.

Tailored Engineering Solutions

Recognizing that each application is unique, we collaborate closely with our clients to design and implement customized solutions aligned with their specific operational and technical requirements.

Comprehensive Technical Support

We offer end-to-end support, from initial consultation and product selection to installation assistance and after-sales service. Our technical team ensures seamless integration and ongoing performance optimization.

Cost-Effective Offerings

Our solutions are competitively priced, delivering optimal value without compromising on quality or performance. We focus on maximizing return on investment for our clients.

Reliable and Timely Delivery

With an efficient supply chain and strong logistics network, we ensure prompt and dependable delivery, enabling clients to meet their project timelines without delays.

Strong Industry Credibility

We have earned the trust of a diverse clientele across multiple industries, reflecting our commitment to quality, reliability, and customer satisfaction.

Focus on Innovation and Advancement

We continuously enhance our portfolio by integrating the latest technological advancements, enabling our clients to remain competitive in a rapidly evolving industrial environment.

Partner with us to experience precision engineering, dependable performance, and long-term value.

INSTRUTECH CORPORATION

CHASE THE EXCELLENCE

VISION

Transform from a product-focused trading company into a solutions-oriented, digitally enabled instrumentation partner, delivering end-to-end solutions for industrial clients.

By focusing on product diversification, service orientation, digital enablement, strategic partnerships, and end-to-end solutions, the company will evolve into a trusted, future-ready instrumentation solutions provider, driving sustainable growth and long-term client value.

06

Sustainability & Compliance Solutions

- Offer solutions for environmental monitoring, efficiency, and compliance
- Support ESG goals with eco-friendly innovations

05

Strategic Partnerships & Alliances

- Partner with manufacturers, OEMs, and integrators
- Collaborate with consultants & EPCs for projects
- Explore joint ventures for advanced markets

04

Digital Enablement

- Launch e-commerce platform with catalog, quotes, and tracking
- Implement ERP & CRM for operations and insights
- Use analytics for forecasting, inventory, and customer strategy

03

Market & Geographic Expansion

- Expand into emerging domestic and global markets
- Target high-growth sectors (pharma, water, renewable, petrochemicals, food)
- Set up regional offices and warehouses for faster service

02

Service-Led Growth

- Provide installation, calibration, and maintenance
- Enable remote monitoring & predictive maintenance
- Offer training and technical support

01

Product & Technology Diversification

- Expand into smart sensors, IoT instruments, and digital systems
- Add automation & control solutions (PLCs, SCADA, integrated systems)
- Provide end-to-end solutions: hardware, software, and installation

THANK YOU!

FOR TAKING THE TIME TO LEARN MORE ABOUT US.
WE APPRECIATE YOUR INTEREST AND LOOK FORWARD
TO SERVING YOU.

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