Trusted Hygienic and Sanitary Solutions

The food and beverage industry must produce safe, high-quality foods and beverages for consumers. In addition to quality control, the manufacturing processes include many challenges such as managing ingredients, improving efficiency, and handling global environmental issues. As a trusted partner, Yokogawa offers our expertise derived from decades of service to the industry.

Food and Beverage Segments

From quality and compliance to maximizing production and increasing reliability, the food and beverage industry has no shortage of challenges. Yokogawa's innovative solutions across the many applications in the food and beverage industry enable our customers to meet increasingly complex market demands.

- Beverage Processing
- Clean-in-Place (CIP)
- Dairy Production
- Flour and Feed Mills
- Food and Beverage Packaging
- Pet Food Manufacturing
- Soft Drink Production
- Sugar Refineries
- Water and Wastewater Treatment
Hygienic and Sanitary Pressure Transmitters
EJA565E / EJA564E

The EJA565E/EJA564E transmitter series is the ideal hygienic and sanitary solution for pressure and level measurement applications.

- Up to 0.075% of span accuracy
- Truly “flush” diaphragm technology
- Active temperature compensation for improved measurement stability
- Comprehensive selection of process connections

Applications
- Receiving Tank Level
- Balance Tank Level
- GEA Milk Separators
- Brewery Level and Pressure Measurements
- Pasteurization Heat Exchangers
- Clean-in-Place (CIP)
- Separation and Sterilization Systems

Data Recorders
SMARTDAC+ Paperless Recorders

SMARTDAC+ Paperless Recorders feature intuitive user operation, dust and water proof displays, range of communication protocols, and AI functionality.

- FDA 21 CFR Part 11 compliant
- Secure electronic records, signatures, transfers
- Modular design supports 30 to 450 channels

Applications
- Batch Recording
- Audit Trail
- Pasteurization Heat Exchangers
- Air Cleanliness Monitoring (Clean Rooms)
- Process Control and Monitoring
- Clean-in-Place (CIP)
Magnetic Flow Meters

ADMAG TI AXG

The ADMAG Total Insight (TI) AXG® is an electromagnetic flow meter featuring enhanced settings for customized setups, pre-defined trend views, and multiple configuration sets for fast changeover through a micro SD card. In the ADMAG TI AXG®, standard, built-in verification reduces the total cost of ownership.

Coriolis Flow Meters

ROTAMASS TI Hygienic

Specifically designed for food and beverage, biotechnology and pharmaceutical utility applications, ROTAMASS TI is 3-A and EHEDG certified.

Optimized to work within the daily constraints of hygienic processes, ROTAMASS TI ensures continuous product quality while minimizing losses. It features in-line CIP/SIP, self-draining tubes, single and dual-stage batching functionality and sanitary process connections.
Yokogawa’s diagnostic-based analytical instrumentation offers the flexibility to meet a wide range of individual requirements. Producing the best quality food and beverage products requires precise monitoring and control of pH, ORP, conductivity, and gas / dissolved oxygen levels throughout the process.

Yokogawa’s process analyzers and sensors enable manufacturers to SEE MORE and DO MORE.

**APPLICATIONS**

- pH and Dissolved Oxygen in Breweries
- Water Treatment and Purification
- WIFI / Pure Water (Ingredient)
- Reverse Osmosis
- Wastewater Treatment
- pH in Sugar Refineries
- pH in Fish Farming
- Edible Oil and Fat Processing
- Clean-in-Place (CIP)

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**IIoT Plant Asset Management**

**Sushi Sensors and GA10 AI Software**

Upgrade from periodic operator rounds to automated data collection and analysis for rotating equipment in food and beverage facilities.

- Real time equipment health status
- AI algorithms learn “normal” operating conditions and predict failures through anomaly detection
- Schedule maintenance to reduce downtime

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**Process Analyzers**

**pH, ORP, Conductivity, Gas/Dissolved Oxygen**

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Control Systems

Distributed Control Systems and Controllers

Whether the application requires a Distributed Control System (DCS), Programmable Logic Controller (PLC), single loop controller, or any combination, Yokogawa has the experience to build the right solution.

Join operators from over 10,000 plants who entrust Yokogawa's control technology to meet their production targets year after year.

APPLIED-

Temperature Control for Package Sealing
Chemical Dosing and Ratio Control
Clean-in-Place (CIP)
Heat Exchangers
Oven, Boiler, Distillation, Batch Control