

Semac Automation

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Oil & Gas | Power & Energy | Marine

Measurement instrumentation, services and solutions for industrial process engineering.



Upgrade Your Production with KROHNE Technologies

👉 At **Semac Automation**, an authorized channel partner of **KROHNE**, we are proud to offer advanced measurement solutions that empower food and beverage manufacturers to achieve efficiency, accuracy, and consistency across their production processes.

✅ **High-Accuracy Flow Measurement:** Achieve precise mass flow and density readings, even with entrained air or solids.

✅ **Reliable Level Measurement:** Maintain accurate inventory with sensors designed for tanks of all shapes and sizes.

✅ **Effective Point Level Detection:** Avoid overflows or interruptions with robust level detection for sticky or challenging media.

✅ **Optimized Filling and Dosing:** Ensure precise control for packaging and bottling lines.

✅ **Reliable Level Measurement in Storage Containers:** Utilize Frequency Modulated Continuous Wave (FMCW) radar technology for accurate level measurements of both liquids and solids, even in challenging environments like dusty atmospheres or narrow tanks.

🤔 **Why KROHNE?**

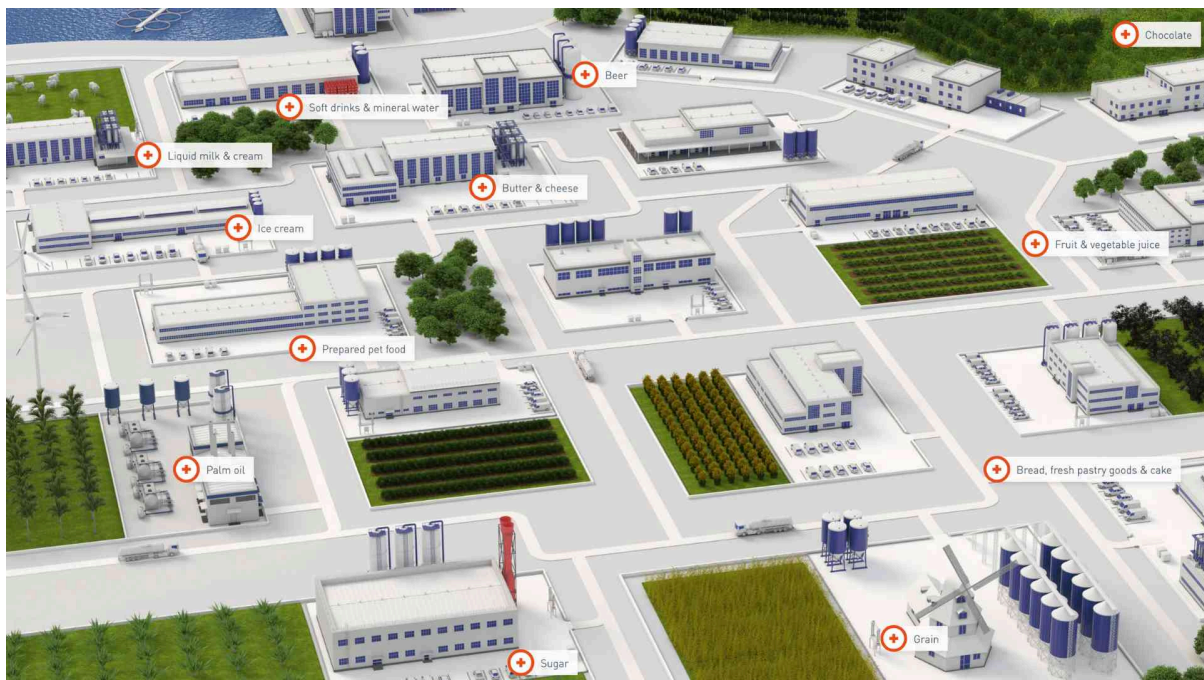
KROHNE's solutions are designed to meet the rigorous demands of the food and beverage industry, ensuring hygiene compliance, robust performance, and a return on investment through increased operational efficiency.

Applications Include:

- ✓ Ingredient storage and monitoring
- ✓ Mixing and blending optimization
- ✓ Bottling and filling precision
- ✓ Waste reduction and energy savings

💡 Discover More:

Partner with Semac Automation and KROHNE to explore how our solutions can transform your food and beverage production processes. Visit our website or contact us to schedule a meeting today!



KROHNE's portfolio for the food and beverage industry includes devices for flow, level, pressure, temperature measurement, and inline analysis, all designed to meet hygienic standards with certifications such as EC 1935/2004, FDA, EHEDG, and 3A approvals.

Related Products:

FLOW



Krohne

OPTIFLUX 6300

Electromagnetic Flowmeter for
Advanced Hygienic Applications

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Krohne

OPTIMASS 6400

Coriolis mass flowmeter for
advanced process applications

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LEVEL



Krohne

OPTIWAVE 6500

Radar (FMCW) Level Transmitter
for Powders and Dusty
Atmosphere

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Krohne

OPTIFLEX 3200

Guided radar (TDR) level transmitter for liquids with hygienic requirements

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OPTIWAVE 3500

Radar level transmitter for liquids with hygienic requirements

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PRESSURE



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OPTIBAR PM 3050

Compact pressure transmitter with metallic diaphragm

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OPTIBAR P 2010

Hygienic pressure transmitter

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TEMPERATURE



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OPTITEMP TRA-C65

Resistance (RTD) Compact
Sensor for Hygienic Applications

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OPTITEMP TRA-H61

Resistance (RTD) Temperature
Assembly for Hygienic
Applications

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