

Semac Automation

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Oil & Gas | Power & Energy | Marine

Measurement instrumentation, services and solutions for industrial process engineering.



As an authorized channel partner of KROHNE, Semac Automation is pleased to introduce cutting-edge measurement solutions designed to elevate efficiency, quality, and safety in your chocolate production processes.

Key Features of KROHNE's Solutions:

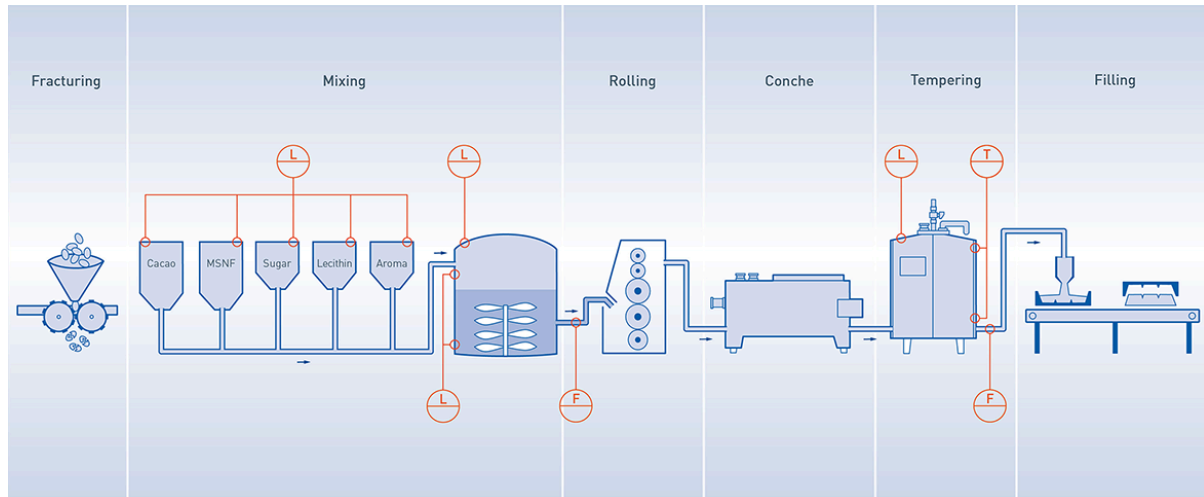
✓ **Accurate Measurement with Air Inclusions:** KROHNE's Coriolis flowmeters with Entrained Gas Management (EGM™) deliver precise mass flow and density measurements, even when air entrainment, fibers, or solids are present during raw material delivery.

✓ **Handling Highly Viscous Products:** Achieve real-time density data for continuous quality assurance with KROHNE's Coriolis mass flowmeters, essential for products like cocoa butter with varying viscosities.

✓ **Heat Tracing for Temperature-Sensitive Media:** Maintain consistent fluid viscosity for temperature-sensitive ingredients with flowmeters equipped with factory-fitted heating jackets.

✓ **High Repeatability with Pastes and Emulsions:** Ensure consistent repeatability under varying conditions when handling high-viscosity substances like syrups or cocoa mass.

✓ **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.



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



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OPTIMASS 7400

Coriolis mass flowmeter for
advanced process applications

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OPTIMASS 6400

Coriolis mass flowmeter for
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LEVEL



Krohne

OPTIWAVE 6500

Radar (FMCW) Level Transmitter
for Powders and Dusty
Atmosphere

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OPTISWITCH 6500

Capacitance Level Switch for
Advanced Hygienic Applications

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OPTIWAVE 3500

Radar level transmitter for liquids
with hygienic requirements

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OPTIBAR PM 3050

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Assembly for Hygienic
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