



Discover Precision:
Advanced Scientific Mass Flow Solutions

**FOOD & BEVERAGE
INDUSTRY**



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In the food and beverage industry, precision and consistency are key to maintaining quality and efficiency. Sierra's advanced mass flow solutions are designed to meet the rigorous demands of food and beverage processing, delivering unmatched accuracy, reliability, and scalability.

Why use Sierra Mass Flow Meters?

Accuracy, Efficiency, and Scalability in the following food and beverage applications:

Carbonation:

Precisely control CO₂ injection to ensure consistent beverage quality and taste in soft drinks and beer.

Packaging and Dispensing:

Deliver accurate gas flow for controlled dispensing and packaging of beverages and other consumables.

Fermentation:

Optimize gas flow for yeast activity and uniform oxygen transfer, enhancing product consistency and flavor.

Process Automation:

Integrate precise flow control into automated systems for enhanced productivity and reduced waste.

Quality Control:

Maintain tight control over gas and liquid flows to meet regulatory and product quality standards.



EMPOWERING FOOD AND BEVERAGE
PRODUCTION WITH PRECISION AND
INNOVATION

Featured Products for

FOOD & BEVERAGE Industry



SmartTrak® 100

Industry-leading digital mass flow controller for precise gas flow in carbonation, fermentation, and packaging.

RedySmart®

Compact and efficient solutions for small-scale hydrogen projects and R&D.



QuadraTherm® 640i

High-accuracy thermal mass flow meter ideal for monitoring and controlling gas flows in food and beverage processes.



THE SIERRA ADVANTAGE

Unmatched Precision



Real-Time Monitoring



Efficiency and Scalability



Hygienic Design



- **Unmatched Precision:** Ensure exact gas and liquid flow measurements for consistent quality across batches.
- **Hygienic Design:** Solutions designed to meet food safety standards and minimize contamination risk.
- **Real-Time Monitoring:** Advanced communication capabilities for seamless integration with automated production systems.
- **Efficiency and Scalability:** From small-scale production to high-volume operations, our solutions adapt to your needs.

Proven Results: Trusted by Industry Leaders

Join leading food and beverage producers who trust Sierra to deliver innovative solutions for their critical processes. From perfecting carbonation to optimizing fermentation and ensuring quality control, Sierra empowers your operations with precision and reliability.

Contact Us

Ready to bring precision to your food and beverage processes?

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