CODA-Series Mass Flow Meters & Controllers

HIGH PRECISION LIQUID AND GAS MEASUREMENTS INDEPENDENT OF FLUID COMPOSITION

Pressure Ranges up to 4,000 PSIA

High precision at flow as low as 0.08 g/h

Incredibly accurate at up to ±0.2% of reading

Accurate measurement with changing fluids



Robust Coriolis Instruments

alicat.com/coda

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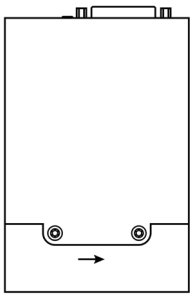
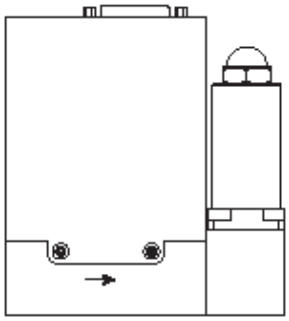


K-B CODA-Series Flow Meter



KC-B CODA-Series Flow Controller

Quick Specifications:

Pressure Ranges:
Up to 4000 psia

Operating Ranges:
0.08 g/h to 300,000 g/h

Liquid Accuracy:
±0.2% of reading,
or ±0.05% of full scale,
whichever is greater

Gas Accuracy:
±0.5% of reading,
or ±0.05% of full scale,
whichever is greater

Repeatability:
±0.05% of reading or
±0.025% of full scale,
whichever is greater

Communications:
Analog, RS-232, RS-485,
Modbus RTU, EtherCAT,
EtherNet/IP, PROFINET

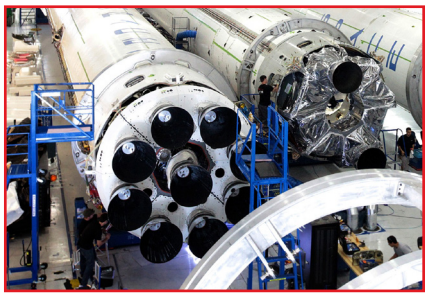
Accuracy and Flexibility

Some of CODA's many applications:



Dosing

Whether it's in catalytic research or food production, precision dosing of an additive is critical. Ultra-low flow capabilities make our coriolis-based devices ideal for measurement and control of components.



High-Pressure Operation

Fuel cell and rocket research place extreme demands on instrumentation. Coriolis devices accurately measure fluids at 4000 PSI, ensuring that your mission-critical projects work on the ground, in the air, and beyond.



Variable Systems

When fluid composition isn't known in a process, accurate measurement is still critical. Coriolis meters allow flexibility in changing environments, such as in bioreactors, variable fluid mixtures, or measuring the outflow in chemical processes.



Aggressive Fluids

From chemical coating to semi-conductors, aggressive fluids pose materials compatibility challenges to many fluid control systems in manufacturing. CODA Coriolis mass flow systems utilize minimal wetted materials, making them more resistant to corrosive fluid environments.

Example Model	Type	Full Scale Range*
K-A100A-SCF-S0A-KA-2X	Meter	40 g/h
KC-H100A-SCF-S0A-KA-2X-K01K	Controller	100,000 g/h

**Full scale flow range is defined at 15 PSID (water)*