

# 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  $\pm 0.2\%$  of reading*

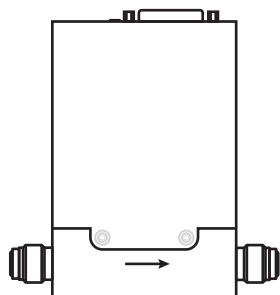
*Accurate measurement  
with changing fluids*



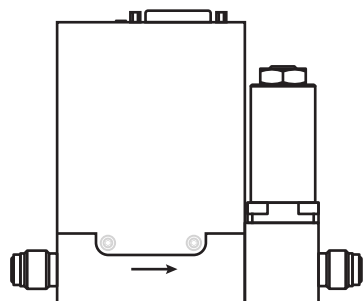
*Robust Coriolis Instruments*

# CODA-Series Mass Flow Meters & Controllers

HIGH PRECISION LIQUID AND GAS MEASUREMENTS INDEPENDENT OF FLUID COMPOSITION



KM-100 CODA-Series Flow Meter



KC-100 CODA-Series Flow Controller

## Quick Specifications:

### Pressure Ranges:

Up to 4000 psia

### Operating Ranges:

0.08 g/h to 100,000 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

### Analog Outputs:

0–5 Vdc, 0–10 Vdc, or 4–20 mA

### Communications:

USB-C and DB-15 connections:  
Modbus RTU (over RS-232  
or RS-485)

### Process Connections:

¼" VCR® Male, ¼" compression

## 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*
KM-40	Meter	40 g/h
KC-3K	Controller	3,000 g/h
KC-100K	Controller	100,000 g/h

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