

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 0.2 g/h*

*Incredibly accurate at
up to $\pm 0.2\%$ of reading*

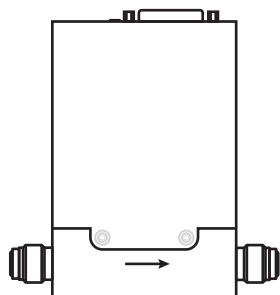
*Accurate measurement
with changing fluids*



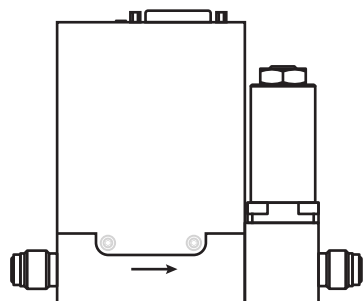
Robust Coriolis Instruments

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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:

0.2 g/h to 10,000 g/h

Liquid Accuracy:

$\pm 0.2\%$ of reading,
or $\pm 0.05\%$ of full scale,
whichever is greater

Gas Accuracy:

$\pm 0.5\%$ of reading,
or $\pm 0.05\%$ of full scale,
whichever is greater

Repeatability:

$\pm 0.05\%$ of reading or
 $\pm 0.025\%$ 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:

$\frac{1}{4}$ " VCR® Male

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-100	Meter	100 g/h
KC-1K	Controller	1,000 g/h
KC-10K	Controller	10,000 g/h

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