

## MASS FLOW CONTROLLER QUANTIM, CORIOLIS

QMCC3

- For all gases and liquids
- Metal sealed
- Optical sensing technique enables accuracy at extreme low flows



### PRODUCT DESCRIPTION

Achieve superior accuracy and unmatched zero stability in ultra-low-flow gas and liquid measurement and control with the Quantim® Coriolis mass flow controllers and meters from Brooks Instrument. With the Quantim® series, Brooks has taken the lead in driving improvements in Coriolis flow technology: Our patented Quantim® Coriolis sensor design measures low flows independent of fluid type or process variables. The result: unsurpassed performance - the most accurate, stable, repeatable and reproducible mass flow measurement and control, even under changing conditions.

Features:

- True mass flow measurement
- Accurate density measurement
- 100% of fluid flows through low-mass sensor tube (no bypass)
- The Quantim® Coriolis series' proprietary optical sensing technique enables accuracy at extreme low flows
- Measures both liquids and gases over a wide flow range
- Coplanar valve delivers super-fast response times
- The Quantim® Coriolis series' offers the smallest, lowest-flow Coriolis meter and controller available on the market
- Measures and outputs two of four parameters: mass flow, volumetric flow, temperature, density
- Independent diagnostic/service port and user display
- Variety of material options, enclosure types and area classifications available

### SPECIFICATIONS

Density Range Max	2 g/cm <sup>3</sup>
Density Range Min	0 g/cm <sup>3</sup>
Differential Pressure Max	13 bar
Differential Pressure Min	0.7 bar
Pressure Range Max	310 bar
Response time	<0,5 s
Supply Voltage DC Max	27 V DC

