

QC Series Quick Change Meter

Versatile, Accurate Metering for Liquid Flow Applications

Turbines, Inc. is a leader in the design and manufacture of reliable and accurate turbine flow metering equipment, electronic monitors, and accessories. All of our products are engineered, manufactured, and calibrated using premium quality materials by a skilled team of dedicated professionals, using state-of-the-art equipment.

The **QC Series** turbine flow meter handles harsh conditions and provides rebuild opportunities with limited downtime. This meter was engineered for technicians who asked for a solution with an easily replaced rotor and blade assembly that didn't require them to remove the entire meter from its installation point, and could be done in any field condition.

Specifications

Performance	
Accuracy	+/- 1% over flow range
Repeatability	+/- 0.15% over flow range
Linearity	+/- 1% over flow range
Operating Temperature	-40 °F to +300 °F
Connection	NPT, Grooved, Flanged
Operating Pressure	Up to 1,500 psig
Materials	
Meter Body	316 stainless steel
Rotor Supports	316 stainless steel
Rotor	17-4 PH stainless steel others available upon request
Bearings	Hybrid Ceramic Ball Bearings, self-lubricating retainer
Certifications	ISO 9001
Additional Information	Full line of economical Retrofit Kits are available Factory refurbishment available

Magnetic pick up is standard on all models (no extra charge).



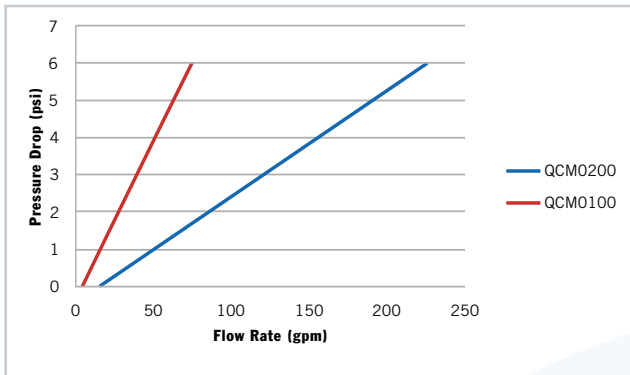
The QC Series can be installed in vertical or horizontal mounting positions, and is designed with enhanced blade angles, allowing more particulate to pass through the meter blades. The meter body handles working pressures up to 1,500 psig and provides greater versatility in the field, especially in oil and gas applications. Combined with factory-calibrated repair kits, the Quick Change meters eliminate the need for field calibration and deliver +/- 1% standard accuracy over the flow range.

For every turbine flow meter manufactured by Turbines, Inc., a unique K-factor is documented by means of NIST-traceable factory, independent laboratory, or bench calibration processes.

Data Sheet

QC Series

QCM Pressure Drop



QCM0200

The QC Flow Meter Family includes:

Model	Size	Linear Flow Range Based on Water	Nominal K-factor	Frequency at Maximum Flow
QCM0100	1"	5 to 75 gal/min 1.14 to 17.03 m ³ /hr 171.4 to 2,571.4 bbl/day	638 Pulses/gal 168,718 Pulses/m ³ 20,118 Pulses/bbl	797Hz
QCM0200	2"	15 to 225 gal/min 3.4 to 51 m ³ /hr 514 to 7,714 bbl/day	140 Pulses/gal 36,988 Pulses/m ³ 5,880 Pulses/bbl	525Hz

Support and Service

Our full-time, dedicated service group offers 100% trustworthy support and recertification for flow meters — whether our own or a competitor's brand. Our meter proving services are performed by our trained technicians and the latest testing equipment. Custom meters and instrumentation options for your application are readily available. Many of our products are in stock and ready for immediate shipment.

Certifications

Turbines, Inc.'s quality management systems are ISO 9001 and AS 9100 compliant.

Worldwide Support

We serve customers worldwide delivering proven differential and turbine meters, and fire suppression solutions. Our U.S. offices are located in Rhode Island (headquarters); Houston and Odessa-Midland, TX; Tulsa and Altus, OK; Seneca, SC. We also have offices in Edmonton, Alberta, Canada; Beijing, China; and Dubai, United Arab Emirates.

Contact your Turbines, Inc. Field Application Engineer for assistance.



All Turbines, Inc. products are proudly made in the U.S.A.



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