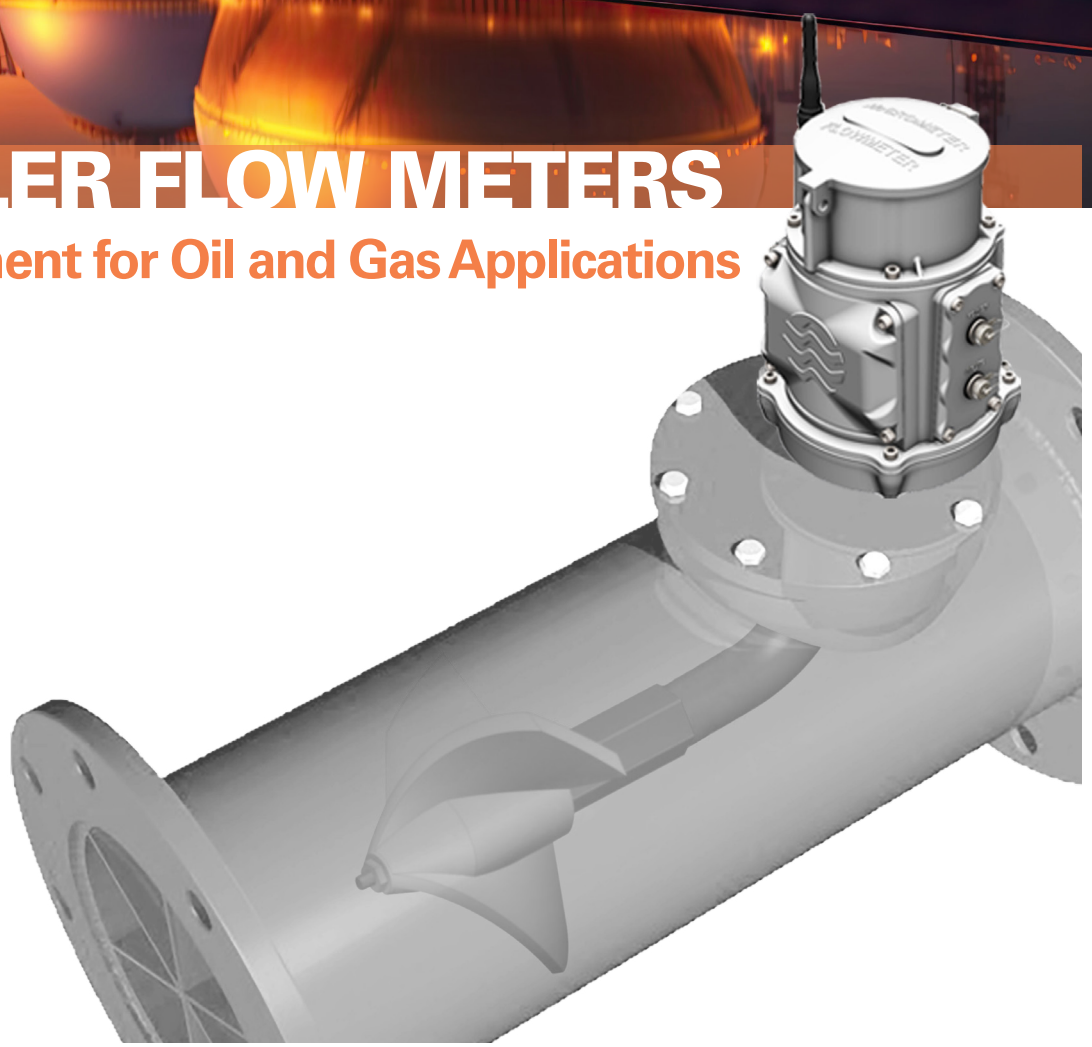
McCROMETER

MCPROPELLER FLOW METERS

Ideal Flow Measurement for Oil and Gas Applications

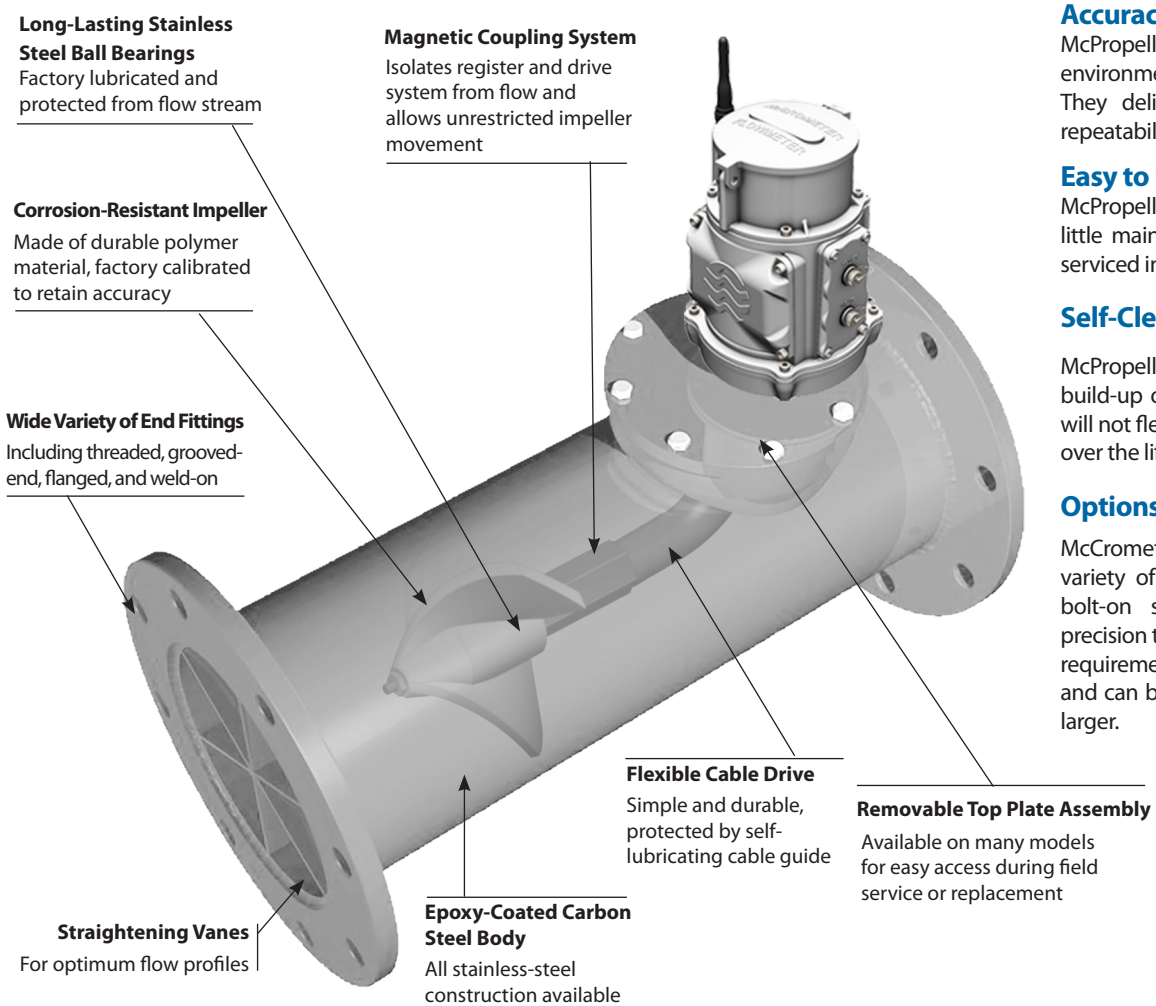


McCrometer, Inc. | 3255 West Stetson Avenue, Hemet, CA 92545 USA | +1-800-220-2279 | Fax +1-951-652-3078 | www.mccrometer.com

Engineered for Accuracy, Durability, and Economy

QW500/QZ500 PROPELLER METER

	Pressure Rating	Standard Totalizer	Indicator/ Totalizer	Digital	Wireless
2" - 24" **QW500 / QZ500** - All Stainless Steel Main Line	150 PSI	Standard	Standard	Optional	Optional



Accuracy for Challenging Environments

McPropeller flow meters operate in a wide variety of environments without damage or loss of accuracy. They deliver ±2% of true accuracy and ±.25% repeatability over a flowrange of up to 25 to 1.

Easy to Use and Maintain

McPropeller flow meters install easily and require little maintenance. All their components are easily serviced in the field.

Self-Cleaning, Durable Design

McPropeller flow meters are designed to prevent the build-up of solids. The high-impact plastic impeller will not flex and will maintain its shape and accuracy over the lifetime of the meter.

Options to Meet a Wide Range of Needs

McCrometer's McPropeller flow meters come in a variety of standard style configurations, including bolt-on saddle meter, open flow meter, and precision tube, and with a host of options for custom requirements. They offer exceptional sizing flexibility, and can be sized for line diameters of 2" to 96" and larger.

REGISTER OPTIONS

Mechanical Register

Standard

An instantaneous flowrate indicator with optional six-digit or seven-digit straight reading totalizer and standard. The register is hermetically sealed with a die cast aluminum case. This protective housing includes a domed acrylic lens and hinged lens cover with locking clasp.

Digital Register - Optional

This newly redesigned, highly compatible unit gives users confidence to integrate with existing systems when measuring flow. Now FlowCom customers can enjoy a more durable housing that resists water intrusion and gives FlowCom room to grow. The new larger enclosure allowed us room to add a built-in data logger to track usage over long periods of time and make room for SmartTrax™ with ExactRead™ Technology built directly into the FlowCom, when customers want telemetry for remote meter reading.

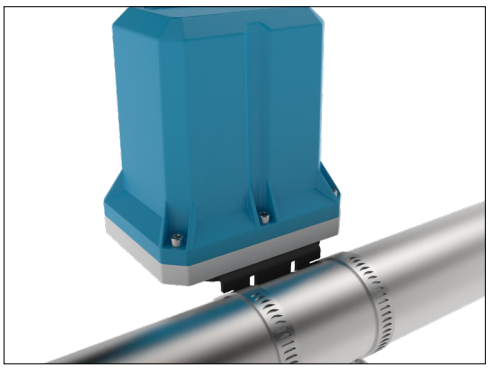
Wireless Register - Optional

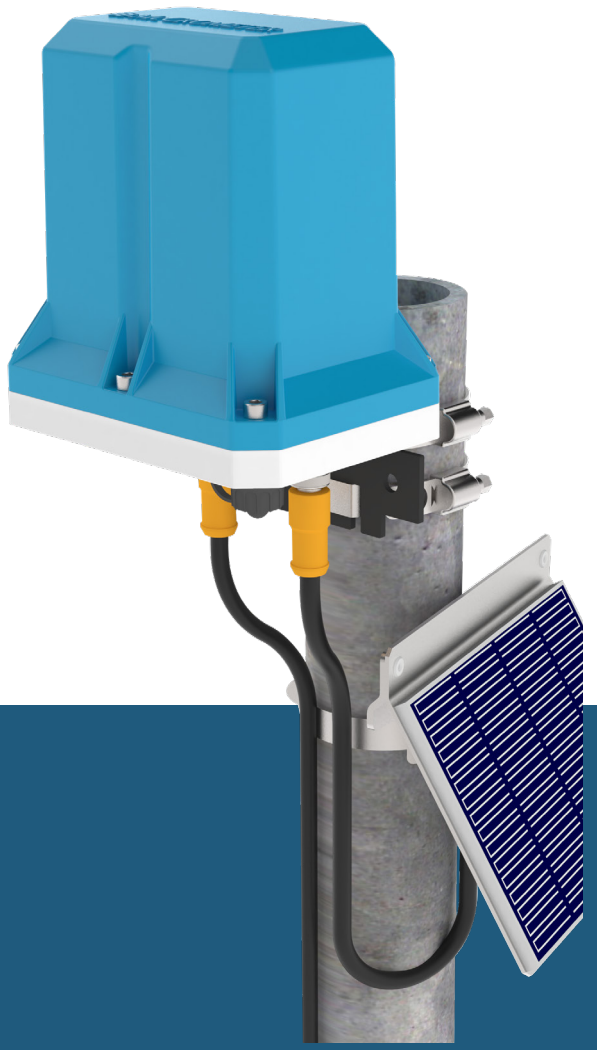
FlowConnect™ with ExactRead™ advanced technology ensures you have an accurate and exact reading from register to website. Unlike traditional telemetry systems, FlowConnect's unique one-piece design eliminates the need for cables, pole mounting and other hardware. Get more data, faster and have it delivered to the palm of your hand with FlowConnect. Available with cellular or satellite communication protocols.

McCrometer, Inc. | 3255 West Stetson Avenue, Hemet, CA 92545 USA | +1-800-220-2279 | Fax +1-951-652-3078 | www.mccrometer.com

Full Compatibility with SmartTrax™ Telemetry

- Trusted Connectivity - Stay connected with redundant coverage
- Durable Design - Built-in internal antenna eliminates breaks and reduces water intrusion
- Power that lasts - Battery and rechargeable options with solar panel available to keep data flowing
- Reliable Data - Never second guess data usage as the reading will always match the data delivered wirelessly
- Remote firmware updates





- SmartTrax can be used with any meter that has an output. including other meter brands
- Can be purchased with a meter or quickly retrofitted in the field to get data delivered remotely
- One-piece design is durable, affordable and hassle free
- Can take an additional input and transmit that data along with flow data

MC PROPELLER OIL AND GAS APPLICATIONS

- Refinery water treatment
- Injection water systems
- Diesel fuel
- Produced water handling
- Fire water

The Mc Propeller Flow Meter is the field proven, dependable meter manufactured since 1955.

Mc Propeller flow meters are designed to operate in real-world environments and can measure turbulent flows and fluids containing debris, suspended solids, and other contaminants with an accuracy superior to other technologies. They are uniquely designed to meet the flow measurement needs of water and wastewater users. Our knowledgeable staff can assess your flow measurement application and help you find the best metering technology for your situation.

To find out more about our flow measurement products, or for a free flow evaluation, contact your nearest Mc Propeller representative today or visit our website at www.mccrometer.com. You can reach us directly at 1-800-220-2279.

McCrometer, Inc. | 3255 West Stetson Avenue, Hemet, CA 92545 USA | +1-800-220-2279 | Fax +1-951-652-3078 | www.mccrometer.com

SPECIFICATIONS

All flow meters comply with the American Water Works Association Standard No. C704-08.	
PERFORMANCE	
Accuracy/Repeatability	±2% of reading guaranteed throughout full range; ±1% over reduced range; calibrated in our NIST traceable test facilities. Repeatability of 0.25% or better.
Maximum Temperature	(Standard Construction) 160°F constant.
MATERIALS	
Bearing Assembly	Impeller shaft is 316 stainless steel. Ball bearings are 440C stainless steel.
Register	An instantaneous flowrate indicator and six-digit straight-reading totalizer are standard. The register is hermetically sealed within a die-cast aluminum case. This protective housing includes a domed acrylic lens and a hinged lens cover with locking hasp.
Propeller	Propellers are manufactured of high-impact plastic, retaining their shape and accuracy over the life of the meter. High temperature impeller is optional.
Any published technical data and specifications are subject to change without notice.	

MCCROMETER'S EXPERTISE IN FLOW PHYSICS

At McCrometer, we have been innovating flow meters for more than 60 years. McCrometer's advanced flow measurement solutions solve complex challenges in agricultural irrigation, municipal and industrial water & wastewater, oil and gas, process control, power generation and institutional facilities. McCrometer high-performance products and systems are found in thousands of installations worldwide, proudly exceeding many of the world's most demanding industrial, safety and quality standards. McCrometer's flow measurement solutions are backed by a team of engineering experts dedicated to partnering with customers on the most challenging of flow projects. For more information on how a McCrometer flow meter can bring value to your flow measurement application, visit www.mccrometer.com

Committed to Quality Manufacturing in the USA

McCrometer prides itself on the fact that all of its flow meters are designed, manufactured, and tested in the USA. Manufacturing takes place in our headquarters in Hemet, California and we own and operate one of the world's largest volumetric test facilities in Porterville, California. Our manufacturing facilities and quality control systems are the foundation for being a trusted supplier. Our USA based, high quality manufacturing is another reason our customers around the world have confidently chosen McCrometer flow meters for their most challenging flow applications since 1955.

Lit# 30126-95 Rev. 1.1 | 18SEP2024