

TMX Corrosive Liquid Flow Meter

Reliability and Accuracy in Harsh Conditions

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 engineering team, using state-of-the-art equipment.

The **TMX Corrosive Series** turbine flow meter delivers highly accurate measurement in rugged conditions, including salt water, brine, chemicals, and wastewater.



Designed specifically for corrosive applications, the TMX Corrosive Series provides durability and longevity when only the most reliable equipment will suffice.

The TMX Corrosive Series meter has an available working pressure of up to 5,000 psig (based on end connection used), provides +/- 0.5% standard accuracy, and is repeatable to +/- 0.1% over the entire flow range. This meter features standard construction of Hastelloy®, but other materials are available upon request.

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

Specifications

Performance Data	
Repeatability	+/- 0.1% over flow range
Linearity	+/- 0.5% over flow range
Operating Temperature	-425° F to +450° F
Connection	Wafer (NPT or flanged also available)
Operating Pressure	Up to 5,000 psig (based on end connection used)
Electrical Output	30mV p-p at minimum flow
Materials	
Meter Body	Hastelloy®; other materials upon request
Rotor Supports	Hastelloy®; other materials upon request
Rotor	Duplex stainless steel; other materials upon request
Bearings	Tungsten carbide; other materials upon request
TI 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).

Data Sheet TMX Series

Installation

1. Magnetic pickup coils included with each turbine meter at no extra charge;
2. Turbine meter is linear and accurate over its designed operating range;
3. Minimum recommended piping installation: 10 diameters upstream & 5 diameters downstream;
4. Locate valves or chokes downstream;
5. For best meter performance and to avoid bearing wear, do not exceed maximum rated flow for long periods of time;
6. Consult factory for warranty details.

For additional local output, the TMX Corrosive Series flow meter can be combined with one of our reliable, rugged monitors for a complete, accurate solution.

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. Our products are always in stock and ready for immediate shipment, typically within 24 hours.

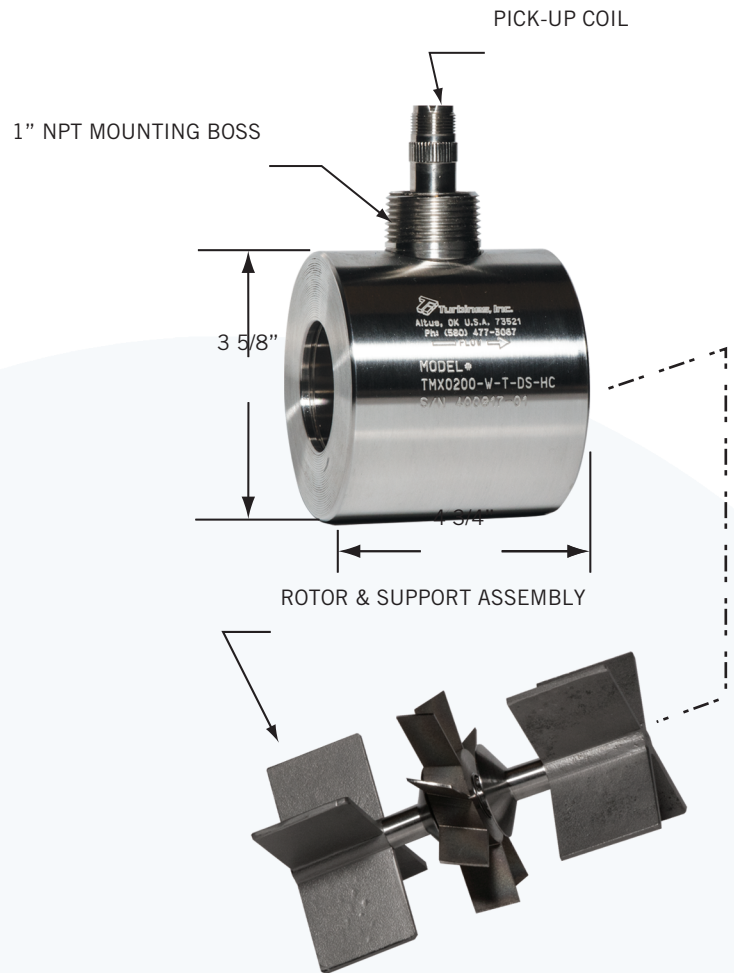


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Turbines, Inc. products and operations are certified to industry standards for safety and performance. Visit our web site for details.

TMX 0200



Certifications

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

Worldwide Support

Turbines, Inc. serves customers worldwide with U.S. offices in Cranston, RI (headquarters); Houston and Odessa-Midland, TX; Tulsa and Altus, OK; Seneca, SC; as well as locations in Edmonton, Alberta (Canada) and Beijing, China.

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



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