

TMS0600 Slurry Liquid Flow Meter

Reliability and Accuracy in Rugged 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 **TMS0600** turbine flow meter delivers accurate measurement even in rugged conditions, including water, water-sand, mud, and cement slurry.



Designed specifically for harsh environments, the TMS0600 meter provides durability and longevity in abrasive and slurry applications to deliver accurate, reliable results. This meter has a flow range from 200 to 2,900 GPM, provides +/- .5% standard accuracy, and is repeatable to +/- 0.10% over the entire flow range. The TMS0600 features stainless steel construction and Victaulic® end connections.

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	-100°F to +300°F
Connection	Victaulic®; consult factory for additional options
Operating Pressure	Up to 800 psig (dependent on end connection)
Flow Range	200 - 2,900 GPM
Electrical Output	30mV p-p at minimum flow
Materials	
Meter Body	316 stainless steel
Rotor Supports	316 stainless steel
Rotor	17-4 PH stainless steel (additional coatings available)
Bearings	Tungsten carbide
TI Certifications	
	ISO 9001
Additional Information	
	Full line of economical Retrofit Kits are available Factory refurbishment with one (1) day turnaround is available

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

Data Sheet TMS0600

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.



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.

Certifications

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

Worldwide Support

Turbines, Inc. is a subsidiary of Primary Flow Signal, Inc. We serve customers worldwide with U.S. offices in Cranston, RI (headquarters); Houston and Odessa-Midland, TX; Altus, OK; Seneca, SC; as well as locations in Edmonton, Alberta (Canada) and China.

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



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



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