



**780.897.5869**  
BURKECALIBRATION.COM

**Turbines, Inc.**  
**LF Series – Low Flow Turbine**  
**Meter**

Questions? Call us at 780-897-5869 or email [info@burkecalibration.com](mailto:info@burkecalibration.com)



# LF Series - Low Flow Turbine Meter

*+/- 0.25% Repeatability of rate*

*Wide Temperature Application -70°F to +450°F*

*Highly configurable materials of construction*

- Line sizes 0.5 inches
- Flow rates from .007 to 3 gpm
- Pressure up to 5,000 psig \*consult factory for higher pressure applications

## Description

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The LF Series from Turbines, Inc. offers measurement capability from .007 to 3 GPM. The LF Series is designed to operate in clean low viscosity fluid applications.

The Low Flow Meter can handle working pressures up to 5000 psig (based on end connection used) and delivers +/- .25% repeatability over the specified flow range. Every LF series meter manufactured by Turbines Inc., has a 20pt NIST traceable calibration performed that documents the meter's unique performance. For additional outputs or local indication the LF Series can be combined with one of our linearized signal conditioners or rate indicator totalizers.

## Specifications

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<b>Line sizes</b>	0.5 inch
<b>Repeatability</b>	+/- 0.25 % over flow range
<b>Operating Temperature</b>	-70° F to +450° F (consult factory for lower temperatures)
<b>Connection</b>	AN Flare or NPT (Consult factory for additional process connection options)
<b>Flow Rates</b>	From 0.007 to 3 GPM
<b>Materials</b>	Meter Body: 316 stainless steel, others available upon request Meter Rotor: 17-4PH, Nickel 200, Duplex Stainless Steel (consult factory for other options) Rotor Shaft: 316 SS Bearings: 440C Stainless Steel raceway and balls, self-lubricating retainer, sleeve bearings
<b>Certifications</b>	ISO 9001, AS 9100
<b>Applications</b>	Fuel Flow Metering, Leak Detection, Fuel Additives, Blending of Chemical Additives, Measurement of Pharmaceutical Compounds, Anti-foam for down-hole injection, Refrigerants, Solvents.
<b>Additional Information</b>	Full line of economical Retrofit Kits are available Factory refurbishment available