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BURKECALIBRATION.COM

Turbines, Inc.
WM Series Liquid Wafer-Style
Turbine Flow Meter

Questions? Call us at 780-897-5869 or email info@burkecalibration.com



WM Series Liquid Wafer-Style Turbine Flow Meter

Accuracy of +/- 1% of rate

Temperature Application -100°F to +800°F

Repeatability of 0.1%

- Line sizes 3/8" to 10"
- Flow rates from 0.3-5500 GPM (10-190,000)BPD
- Pressure up to 3,700 psig

Description

The WM Liquid Wafer Style Turbine flow meter is a highly-versatile product line that offers all stainless steel, precision-machined components with CD4MCu and/or 416 stainless steel rotors in line sizes from 3/8" through 10.0".

The WM Series turbine meters are designed specifically for installation between two raised-face flanges and the robust design handles up to 6,000 PSI, depending on the selected meter and flange size.

The WM Series is unique in that rather than snap rings holding the internals, three (3) machine screws hold each rotor support in place, making this a heavy duty meter for most any liquid application.

The WM Series provides +/- 1.0% standard accuracy, and is repeatable to +/- 0.10% over the entire flow range. For every turbine flow meter manufactured by Turbines, Inc., a unique K-factor is established by means of a NIST-traceable factory calibration.

Specifications

Line sizes	3/8 inch-10 inch
Accuracy	+/- 1.0% over flow range
Repeatability	+/- 0.1 % over flow range
Operating Temperature	-100° F to +300° F
Connection	Wafer style
Flow Rates	0.3-5,500 GPM (10-190,000 BPD)
Materials	Meter Body: 316 stainless steel Rotor Supports: 316 stainless steel Meter Rotor: CD4MCu / 416 stainless steel Rotor Shaft: Tungsten carbide Bearings: Tungsten carbide
Certifications	ISO 9001, AS 9100, CRN
Additional Information	Full line of economical Retrofit Kits are available Factory refurbishment available