

# High Accuracy Turbine Flow Meter

**HIGHLY ACCURATE AND RELIABLE  
FLOW MEASUREMENT**



**Turbines, Inc.** is the leader in the design and manufacture of reliable and accurate turbine flow metering equipment, electronic monitors, and accessories. All products are engineered, manufactured, and calibrated using premium quality materials by skilled tradesman with state-of-the-art equipment.

Turbines, Inc. maintains a team of dedicated engineers, technicians, and application specialists, who are on-call to assist with product/application guidance, technical assistance, and special configurations or modifications.

Specifications	
<b>Performance</b>	
Linearity	+/- 0.5% over standard flow range (for +/- 0.25% consult factory)
Repeatability	+/- 0.1% over standard flow range
Operating Temperature	-450°F to +450°F (850°F with special coil)
Operating Pressure	Up to 20,000 psi (end fitting dependent)
Flow Rate	From 1 to 12,000gpm
<b>Materials</b>	
Meter Body	316 Stainless steel, (consult factory for other options)
Meter Rotor	17-4PH, Nickel 200, Duplex Stainless steel (consult factory for other options)
Bearings	440C Stainless steel and hybrid ceramic ball bearings, hard carbon composite Additional materials available (consult factory for other options)
<b>Additional Information</b>	
Connections	Full line of calibrated, Retrofit Kits are available Factory refurbishment is available NPT, flanged, wafer, 37° AN Flare, and BSP (consult factory for additional end connections)

Details

- 1. Magnetic pickup coils included at no extra charge.
- 2. The HA Series is linear and accurate over its designed operating range; premium accuracy available, consult factory.

The HA Series can be complemented with any of our monitors or interface modules to comprise a comprehensive system.



Flow Meter ID (inches)	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	6"	8"	10"	12"
Flow Range (gpm)	1-10	1.75 -16	2.5-30	4-60	6-93	8-130	15-225	40-650	75-1,250	200-2,900	330-5,200	650-8,000	900-12,000

Service

Our dedicated staff offers complete support and recertification for flow meters — whether our own or a competitor’s brand. Our calibration services are performed by our trained technicians using the latest testing equipment.

Turbines, Inc. maintains extensive inventories in multiple locations to facilitate rapid, industry leading deliveries.

Worldwide Support

We serve customers globally with offices in Altus, OK; Seneca, SC; Odessa, TX; Cranston, RI; and Edmonton, Alberta, Canada.

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



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