

TURBINE FLOWMETERS BY **HOFFER**

Perfecting Measurement

TRIFLO FLOW METER “PATENTED”

FEATURES

- Complete interchangeability of components between three different sizes of flow meters (1”, 1½” and 2”).
- Simple design of the meters reduces both parts costs and field servicing time.
- Patented design. (Patent No. US 7,886,616 B1)
- Internals accessible without having to break piping connections.
- Hard Carbon Bearings.
- System accuracy of $\pm 1\%$ or better.
- NPT end fittings.

The **Hoffer TriFlo** provides both system integrators and operators with the most flexible measurement solutions for liquid flow including produced water flow and hydrocarbon condensate flow measurement. The Hoffer TriFlo meter provides complete interchangeability of components between three different sizes of flow meters (1”, 1½” and 2”), all of which can be accessed without having to break piping connections. The TriFlo’s are offered both with complete inline meter bodies and in OEM versions which allow the integrator/manufacturer to install the meters into their own piping system. The use of identical internal parts for all three meter sizes reduces the number of spare parts that a service company or operator needs to stock by a factor of 3. The simple design of the meters and the ability to access and replace the internal components further reduces both parts costs as well as field servicing time.



FLOWMETER SPECIFICATIONS

1” Flowmeter with Magnetic Coil

Linear Range:	5 GPM to 75 GPM turn down 15:1
Linearity:	Less than $\pm 1\%$
Repeatable:	4 GPM to 85 GPM turn down 21:1
Repeatability:	Less than $\pm 0.1\%$

1.5” Flowmeter with Magnetic Coil

Linear Range:	13 GPM to 180 GPM turn down 14:1
Linearity:	Less than $\pm 1\%$
Repeatable:	11 GPM to 188 GPM turn down 17:1
Repeatability:	Less than $\pm 0.1\%$

2” Flowmeter with Magnetic Coil

Linear Range:	20 GPM to 260 GPM turn down 14:1
Linearity:	Less than $\pm 1\%$
Repeatable:	17 GPM to 280 GPM turn down 17:1
Repeatability:	Less than $\pm 0.1\%$

Pressure Rating and Suggested Maximum Working Pressure

1”	4,000 psi
1.5”	2,800 psi
2”	2,500 psi

Pressure Loss at Maximum Linear Flow

1”	2.3 psid
1.5”	1.1 psid
2”	.55 psid

Operating Temperature

-65°F to +250°F with a Butyl, Buna-n (Nitril) O-ring.
Lower temperatures can be obtained with proper O-ring material selection.

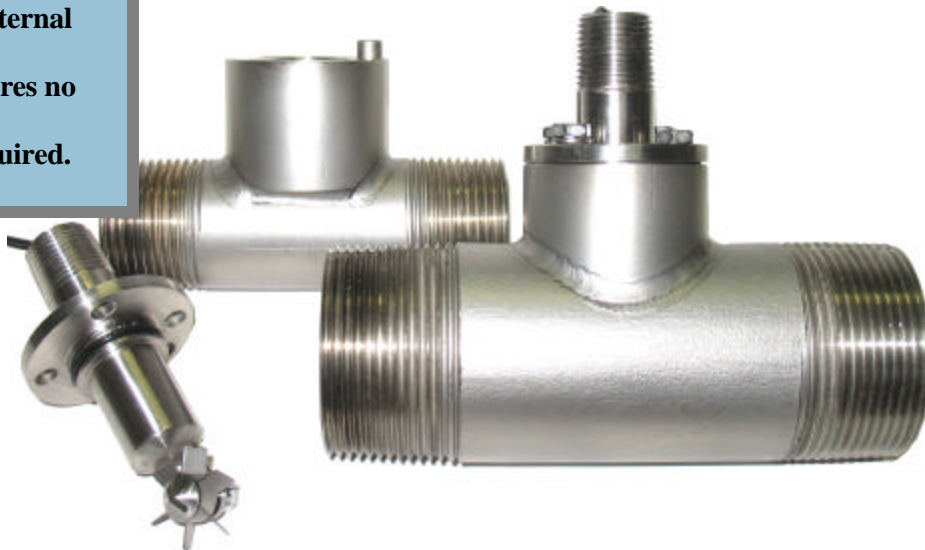
ORDERING INFORMATION

Basic Model HTF Configuration	() - () - () - () - () - ()
(M) METER COMPLETE WITH HOUSING (C) CALIBRATED INSERT ONLY (K) FIELD REPAIR KIT	
SIZE (Applies only to complete meters)	
(1) 1" (1 1/2) 1 1/2" (2) 2" (X) FOR CALIBRATED INSERT OR FIELD REPAIR KIT	
BEARING	
(C) HARD CARBON COMPOSITE SLEEVE	
PICKUP COIL	
(M) STANDARD MAGNETIC PICKUP (ISM) INTRINSICALLY SAFE MAGNETIC PICKUP (CSA/UL)	
O-RING MATERIAL	
(V) VITON	
SPECIAL FEATURES	
(X) NONE	

Patented design means one size internal kit fits all three meter sizes (1", 1 1/2" and 2").

Key Design Features:

- Interchangeable internal components.
- Maintenance requires no pipe break down.
- Less inventory required.



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The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specification are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

The quality system covering the design, manufacture and testing of our products is certified to International Standard ISO 9001.



TRIFLO-9500B