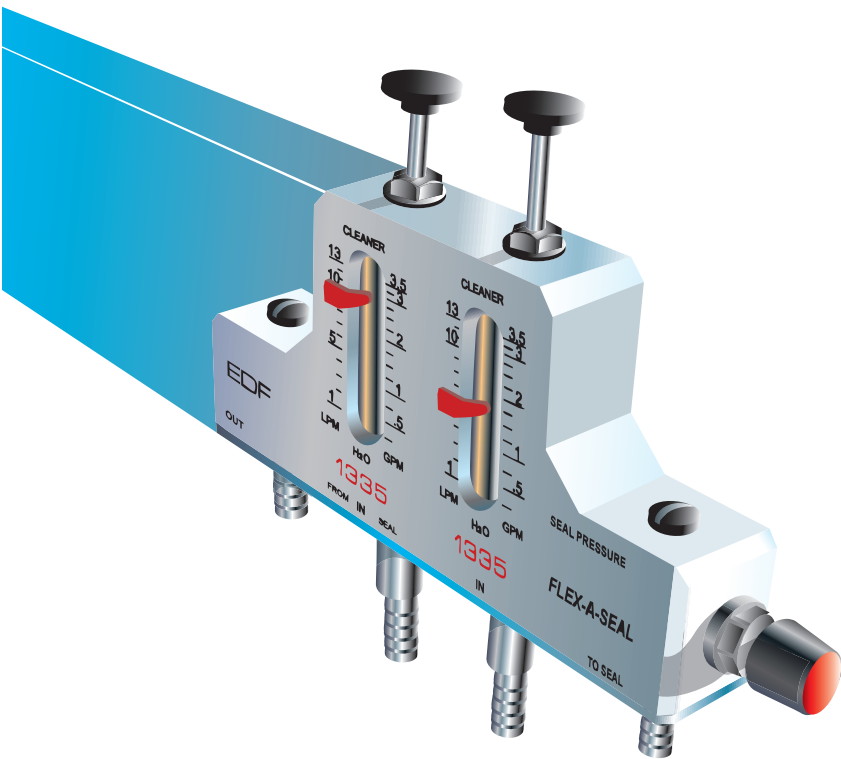




Flowmeter Models ESF and EDF



Save resources

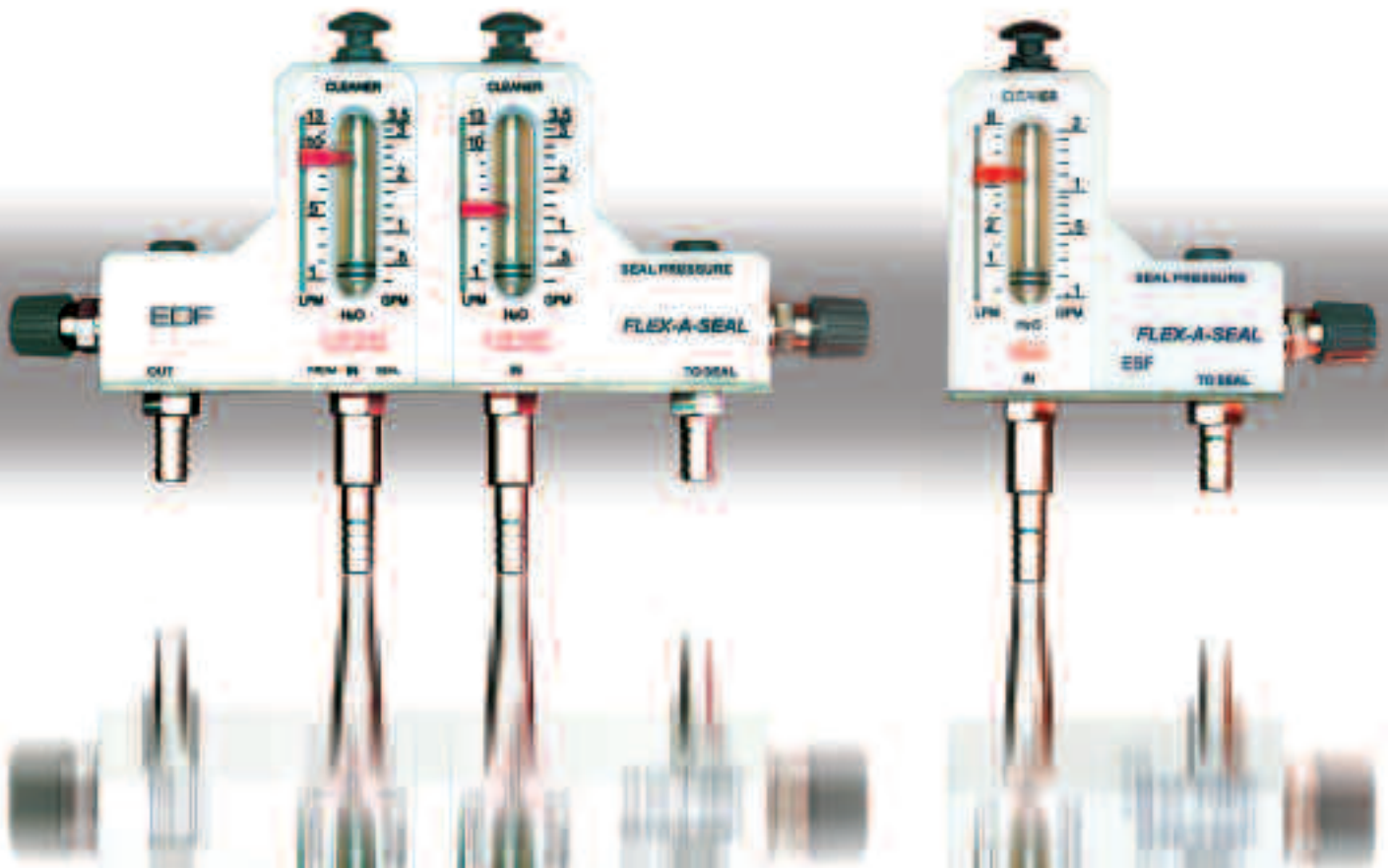


Save resources with the FAS Single (ESF) and Dual Flow (EDF) flowmeters, the ideal partners for applications requiring controlled and uninterrupted seal water flow for cooling and lubrication. The Flex-A-Seal ESF and EDF models are

Protect Seal flush systems, single and double mechanical seals, and gland packings

compatible with all seal makes and types. Modular construction and various options make this flowmeter flexible and versatile. Options include a glass tube, an inductive adjustable alarm, a pressure gauge, a floor mounting stand, hose barb connectors, and straight tube

connectors for compression fittings or 3/8" compression fittings. The flowmeters come with a clear, detachable metering scale and built-in pressurizing valve. Both the ESF and EDF models are designed "alarm ready" for warning systems. While both models employ a built-in tube cleaner (polysulphone tube), the flow control valve is clog resistant, ensuring worry free operation. Installation is made easy with the three connector options and the universal mounting bracket. Access to the flowmeter fittings is also easy, as all connectors are in a straight line. Both models offer reliable operation because of the solid construction, excellent corrosion and heat resistance materials. Now you can relax, by using the Flex-A-Seal ESF and EDF flowmeters, you are saving the most precious resource we have on earth.



ESF	SINGLE FLOWMONITOR
EDF	DOUBLE FLOWMONITOR
350 -	3LPM 50USGPH
120 -	1LPM 20USGPH
1335-	13LPM 3.5USGPM
82 -	8LPM 2USGPM
P	POM BODY MATERIAL STANDARD
K	KYNAR BODY MATERIAL
H	3/8"ID HOSEBARB
T	3/8" TUBE COMPRESSION FITTING
S	3/8"OD STRAIGHT TUBE
X	NO PRESSURE GAUGE
A	15PSI PRESSURE GAUGE
B	30PSI
C	60PSI
D	100PSI
E	160PSI STANDARD
F	200PSI
G	300PSI
H	400PSI
I	100PSI WITH RED SET POINTER
J	160PSI WITH RED SET POINTER
K	200PSI WITH RED SET POINTER
L	300PSI WITH RED SET POINTER
M	400PSI WITH RED SET POINTER
X	NO PRESSURIZING VALVE
P	PRESSURIZING VALVE (FOR double seal with ESF MODEL)
X	NO STAND
S	STAND
X	NO ALARM
A	ALARM 10-55VDC 150mA
B	ALARM 20-250VAC/DC 300mA

Materials of Construction

Body	Standard POM or PVDF(Kynar): option K
Metering Tube	Polysulphone (PSU)
Metallic Parts	AISI 316 and AISI 329
Seals	Viton® o-rings
Max. Pressure	435 psi @ 120°F
Max. Temperature	212°F(100°C): POM body/tube 266°F(130°C): PVDF(Kynar) body/tube
Connection Size	Standard 3/8" ID hose optional 3/8" OD tube (for compression fitting)
Weight	3.5 lb./1.5 kg ESF 5 lbs./2.3 kg EDF Weight includes pressure gauge, pressurizing valve, all fittings & pkg.
Registered Trademarks:	
Viton® - Dupont Performance Elastomers	

OPTIONAL SEAL KIT ITEMS

X	NO FITTING
A	1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)
B	3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)
C	1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)
D	1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)
E	3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)
F	1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)
X	NO HOSE
1	QTY (1) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)
2	QTY (2) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)
3	QTY (3) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)
4	QTY (4) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)
X	NO CHECK VALVE
A	1/4"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2029-1
B	3/8"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2029
C	1/2"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2004
D	1/4"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-
E	3/8"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-2075
F	1/2"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-2074
X	NO FITTING
A	1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)
B	3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)
C	1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)
D	1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)
E	3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)
F	1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)
X	NO FITTING
A	1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)
B	3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)
C	1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)
D	1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)
E	3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)
F	1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)

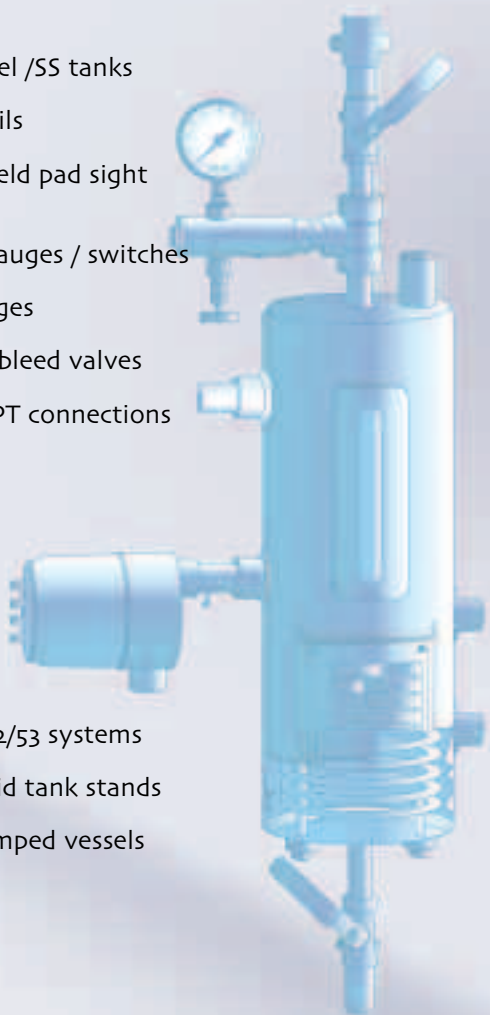
(All sizes in inches)

Flex-A-Seal has a wide range of system control options to handle all operating conditions. Technical specifications are available upon request.

Dual Seal Reservoirs

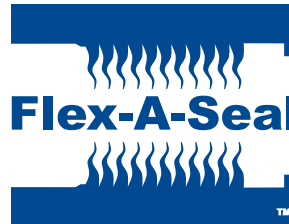
ANSI lite, API610, API682

Custom designed options that include:

- 2/4 Gallon carbon steel /SS tanks
 - Cooling coils
 - Tubular/weld pad sight gauges
 - Pressure gauges / switches
 - Level gauges
 - Block and bleed valves
 - Flange /NPT connections
- 
- Complete API plan 52/53 systems
 - Barrier fluid tank stands
 - U/UM stamped vessels

Other Available Sealing Support Equipment

- Heat exchangers
- Cyclone separators
- Automatic oilers
- Bearing isolators
- Forced lubrication systems
- Throat bushings



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