

Specially designed 1.0" Wedge-Type flow meter for low flow rate applications.

Features:

- A. Removable and replaceable wedge throat to accommodate changing flow rate applications.
- B. Available with NPT ends, wafer style, flanged (150, 300, 600, 900 +) and mechanical.
- C. Transmitter is bracket mounted with durable braided hose impulse lines, factory installed.
- D. Optional 3-valve instrument manifold.
- E. Anticorrosion coated interior and exterior finish.



Flow Rate Ranges– PFS 1 Inch Wedge Meter Chart

Wedge Opening	Inlet ID	Equivalent Beta	H/D	Discharge Coefficient	Flow Coefficient	M3D	BPD	GPM
0.124	0.957	0.2464	0.13	0.8527	0.05983	45	283	8
0.210	0.957	0.4026	0.22	0.8014	0.1205	90	566	17
0.330	0.957	0.553	0.34	0.7703	0.2266	175	1101	32

*CALCULATIONS WERE RUN WITH WATER AT 70 F AND 80 PSIG, ACTUAL VALUES WILL VARY WITH FLUID COMPOSITION

** LAYING LENGTH BASED ON THREADED END CONNECTIONS, FLANGED OR OTHER END CONNECTIONS ALSO AVAILABLE.

PERFORMANCE:

Accuracy: Bench calibrated: +/- 3 to 4% of rate or +/- 0.25 with wet calibration

Repeatability: +/- 0.25%

- Lab Calibrated units are traceable to NIST

CERTIFICATIONS:

ISO9001; ASME S, U, R code stamp; European PED Module H; and other internationally recognized certifications, such as GOST, IBR, and CRN.

More useful Wedge-X models:



Specially designed Wedge-X with fusion bonded epoxy coating for corrosion resistance

Support Services

In addition to a wide range of differential producing Venturi flow meters, orifice plates, WedgeType flow meters, and open channel flow elements, PFS provides comprehensive, specialized services for new and existing flow meters, including rehabilitation, hydraulic analysis, and full engineering support.



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Primary Flow Signal, Inc. products and operations are certified to industry standards for safety and performance. Visit our website for details.



Wafer Wedge-X



Stainless steel Wedge-X with Victaulic ends for high pressure applications.

Contact a Field Application Engineer for assistance.

Name: _____

Phone: _____

E-mail: _____