

WEDGEBAR™ Flow Sensor
Pitot Tubes - Multiport Self-Averaging

IdFlow introduces the latest in high performance pitot tube designs

FEATURES:

- Precise "WedgeBar" angle for optimum accuracy and high turn-down ratio (TDR)
- Suitable for pipes and ducts from 2"(50MM) to 72"(1800MM)
- Integral Transmitter Mount 3 or 5 valve manifold (IT3V)
- Mass Flow Measurement with dynamic process compensation for pressure, temperature, and DP with Multivariable transmitter
- Integral RTD for process temperature measurements
- Very low pressure losses (High energy savings)
- Low installation costs (1/3 the costs of MAG or venture meters)
- Fixed and Hot-Tap models
- Materials: 316/316L Stainless Steel (Standard), Others (Option): Monel, Hastelloy, Duplex SS, Etc.



PERFORMANCE SPECIFICATIONS:

Accuracy:	+/-1% Of Rate – Uncalibrated +/-0.5% Of Rate – Calibrated) (Combined with DP Transmitter – IT3V Option)
Repeatability:	+/-0.1% Of Rate (Over entire flow range)
Process Temperature:	Up to 2000 Deg. F (1100 Deg. C)
Pressure Ratings:	Up To 3000 PSI (200 Bars)
Minimum Reynolds Number:	50,000
Maximum Pressure Loss:	5% Of DP (Depends on pipe size)
Turn Down Ratio (TDR):	10 to 1 (Higher with stacked transmitters)
Maximum Viscosity:	100 Cp (CentiPoise)