

DynaCone® Lite

Wet Gas Flowmeter



Wet Gas Flowmeter

- Application: Type I Wet Gas up to 0.05 XLM
- Accuracy: 0.5 to 2%
- No need to enter liquid content
- Output Rate: Gas Rate
- Meter Body: Dual Element (Cone & Pitot Tube)
- SmartCone is for conditioning only
- No Over-reading correction
- Integral multi-variable sensor
- Non-nuclear
- Flow Computer
- 3 way manifold
- Integral RTD

Technical Specifications

Operating Specification

Power	10- to 28 VDC, 0.3 Watt
Communications interface	RS485 Modbus
Operating Temperature	0° to 150°C (standard) process fluid
Operating Temperature	-40° to 85°C (standard) ambient temp

Mechanical

Material options*	316/316L stainless steel
Nominal pipe sizes*	2, 3, 4, 6 or 8 inch
Flange style	ANSI 300, 600, 900, 1500 and 2500
Pressure rating*	Up to 5000 psi
Design	Precision CNC Machined Concentric / Self-Aligning Built-in Temperature Pod

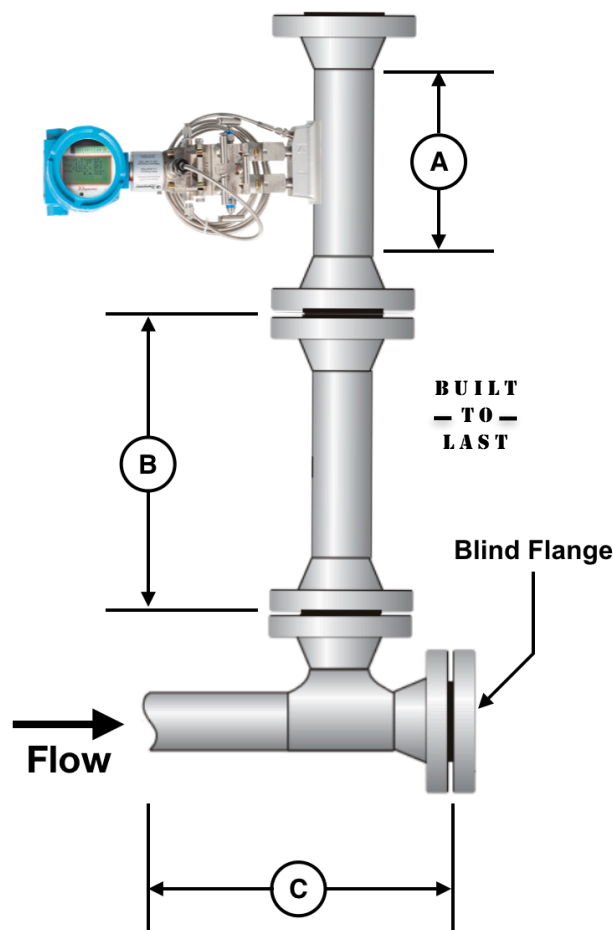
Performance

Uncertainty	Up to ±0.5% Single Phase ±0.5% - ±2% Wet Gas (Type I)
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Environmental

Hazard rating	Class I, Division 1
Material	NACE MR0175/ISO 15156 Compliance

*For more details, contact factory



Typical DynaCone Lite Wet Gas Flowmeter Installation.

Flowmeter Dimensions	
A	Meter CNC machined body
B	15D
C	No minimum requirement

INNOVATION
Available (ARCs) Area Ratio
Changers per meter line size

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RANGEABILITY
Changeable Beta Ratio for
extended range
Turndown Ratio

30:1

PERFORMANCE
Measurement uncertainty as
low as

±0.5 - 2%