

# Amvex Medical Gas Flowmeters



Oxygen Flowmeter



Medical Air Flowmeter



CO<sub>2</sub>



NO<sub>2</sub>



Heliox

## Specialty Flowmeters

The complete line of Amvex® Thorpe style Flowmeters range from Neonatal to Adult. All Flowmeters come with a standard 1/8" FNPT connection, but may be customized to fit your needs. They have impact resistant flow tubes and shrouds with solid brass bodies for durability. MR conditional options are also available.

CE options are available for the Amvex Thorpe style Flowmeters. They are available in USA and ISO colors and meet all applicable regulatory requirements.



## Features and Benefits

- Back pressure compensated so flow accuracy is not affected by restrictions
- Available in a range of flows from 200cc/min to 70 L/min
- Available in Oxygen, Medical Air, Heliox and CO<sub>2</sub> and N<sub>2</sub>O
- Color coded inner tube and labeling
- White background for enhanced visibility
- No strip "D" shape knob
- Includes an inlet filter and inlet extension
- Available in 50, 60, and 72.5 psi source pressure
- Y-Block and Power-Take Off configurations available

Easy To Read



"D" Shape Knob

Chromed Brass Body



# Amvex Medical Gas Flowmeters

## Product Specifications

Gas	Scale	Increments	Accuracy	Min. Flood/Flush
Oxygen	0-8 L/min	0.5 L/min (starts at 0.5 L/min)	+/- 0.5 L/min or +/- 10% of reading (whichever is greater)	50 L/min
Oxygen/Air	0-15 L/min	0.5 L/min from 1 to 5 L/min 1 L/min from 5 to 15 L/min	+/- 0.5 L/min or +/- 10% of reading (whichever is greater)	50 L/min
CO <sub>2</sub> /N <sub>2</sub> O	0-12 L/min	0.5 L/min from 1 to 6 L/min 1 L/min from 6 to 12 L/min	+/- 0.5 L/min or +/- 10% of reading (whichever is greater)	50 L/min
Heliox He/O <sub>2</sub> (21% O <sub>2</sub> )	0-16 L/min	0.5 L/min from 1 to 6 L/min 1 L/min from 6 to 16 L/min	+/- 0.5 L/min or +/- 10% of reading (whichever is greater)	50 L/min
Oxygen/Air	0-70 L/min	5 L/min (starts at 10 L/min)	+/- 10% of reading	75 L/min
Pediatric O <sub>2</sub> /CO <sub>2</sub>	0-200 cc/min	25 cc/min (starts at 25 cc/min)	+/- 20 cc/min	500 cc/min
Pediatric O <sub>2</sub>	0-1 L/min	0.1 L/min (starts at 0.1 L/min)	+/- 0.1 L/min	2.5 L/min
Pediatric O <sub>2</sub>	0-3.5 L/min	0.125 L/min from 0.125 to 1 L/min 0.25 L/min from 1 to 3.5 L/min	+/- 0.125 L/min or +/- 10% of reading (whichever is greater)	45 L/min

Flowmeters are calibrated at the pressure indicated on the Flow Tube, 21° C (70° F), at standard atmospheric pressure.

Product Weight (less fittings and adapters): 159g (5.6oz)

Product Dimensions: Height 139mm (5.5in) Width 28mm (1.1in) Depth 139mm (3.4in)

Package Dimensions: Height 203mm (8in) Width 114mm (4.5in) Depth 76mm (3in)

Transport and storage temperatures from -40°C to 60°C (-40°F to 140°F).

Max pressure 690kPa (100psig).



Specifications are subject to change without prior notice.

## Product Configurator

### FM-SS(S)TU-VV(WW)-(X)

Additional Option:	
MRI:	<b>M</b>
Swivel:	<b>S</b>
Swivel/MRI:	<b>B</b>

Flow Rate:	
200ccm (Oxygen & CO <sub>2</sub> ):	<b>200</b>
1 LPM (Oxygen):	<b>01</b>
3.5 LPM (Oxygen):	<b>03</b>
4 LPM (Oxygen):	<b>04</b>
8 LPM (Oxygen):	<b>08</b>
12 LPM (N <sub>2</sub> O & CO <sub>2</sub> ):	<b>12</b>
15 LPM (Oxygen & Med.Air):	<b>15</b>
16 LPM (Heliox):	<b>16</b>
25 LPM (Oxygen & Med Air):	<b>25</b>
70 LPM (Oxygen):	<b>70</b>

Color Code:	
USA 50PSI:	<b>U</b>

Gas:	
Oxygen:	<b>O</b>
Air:	<b>A</b>
CO <sub>2</sub> :	<b>C</b>
N <sub>2</sub> O:	<b>2</b>
Heliox:	<b>H</b>

Inlet:			
Nothing	<b>X2</b>	Schrader®:	<b>SH</b>
1/8 MNPT:	<b>M2</b>	Chemetron®:	<b>CH</b>
1/8 FNPT:	<b>F2</b>	Medstar®:	<b>MS</b>
Ohmeda®:	<b>OH</b>	Oxequip®:	<b>XQ</b>
Puritan Bennet®:	<b>PB</b>	1/4 FNPT:	<b>F4</b>
DISS Handtight:	<b>DH</b>	Japan:	<b>JM</b>
DISS Nut:	<b>DN</b>	1/4 MNPT:	<b>M4</b>
1" DISS Nut	<b>D1</b>	DISS Male:	<b>DM</b>

Option:	
Nothing:	<b>XX</b>
Power Take-off:	<b>PT</b>
Chrome Swivel:	<b>CS</b>
Elbow Left:	<b>EL</b>
Elbow Right:	<b>ER</b>
1.5 Pipe Extension:	<b>E1</b>
2 Pipe Extension:	<b>E2</b>
2.5 Pipe Extension:	<b>EX</b>
3 Pipe Extension:	<b>E3</b>
3.5 Pipe Extension:	<b>EY</b>
4 Pipe Extension:	<b>E4</b>
4.5 Pipe Extension:	<b>EW</b>
6 Pipe Extension:	<b>E6</b>
1" Diss Nut:	<b>D1</b>

Basic matrix shown. Not all configurations are possible. Contact your Ohio Medical sales representative for additional options and flowmeter block assemblies.

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