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 CO2 and N2O
- 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

Product Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Weight</td>
<td>159g (5.6oz)</td>
</tr>
<tr>
<td>Product Dimensions</td>
<td>139mm H x 28mm W x 139mm D (5.5” H x 1.1” W x 3.4” D)</td>
</tr>
<tr>
<td>Package Dimensions</td>
<td>203mm H x 114mm W x 76mm D (8” H x 4.5” W x 3” D)</td>
</tr>
<tr>
<td>Transport/Storage Temperatures</td>
<td>-40°C to 60°C (-40°F to 140°F)</td>
</tr>
<tr>
<td>Max Pressure</td>
<td>690kPa (100psig)</td>
</tr>
</tbody>
</table>

Specifications are subject to change without prior notice.
### Product Specifications

<table>
<thead>
<tr>
<th>Gas</th>
<th>Scale</th>
<th>Increments</th>
<th>Accuracy</th>
<th>Min. Flood/Flush</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.375 in</td>
<td>0-8 L/min</td>
<td>0.5 L/min (starts at 0.5 L/min)</td>
<td>+/- 0.5 L/min or +/- 10% of reading (whichever is greater)</td>
<td>50 L/min</td>
</tr>
<tr>
<td>Oxygen/Air</td>
<td>0-15 L/min</td>
<td>0.5 L/min from 1 to 5 L/min 1 L/min from 5 to 15 L/min</td>
<td>+/- 0.5 L/min or +/- 10% of reading (whichever is greater)</td>
<td>50 L/min</td>
</tr>
<tr>
<td>CO₂/N₂O</td>
<td>0-12 L/min</td>
<td>0.5 L/min from 1 to 6 L/min 1 L/min from 6 to 12 L/min</td>
<td>+/- 0.5 L/min or +/- 10% of reading (whichever is greater)</td>
<td>50 L/min</td>
</tr>
<tr>
<td>Heliox O₂/O₂ (21% O₂)</td>
<td>0-16 L/min</td>
<td>0.5 L/min from 1 to 6 L/min 1 L/min from 6 to 16 L/min</td>
<td>+/- 0.5 L/min or +/- 10% of reading (whichever is greater)</td>
<td>50 L/min</td>
</tr>
<tr>
<td>Oxygen/Air</td>
<td>0-70 L/min</td>
<td>5 L/min (starts at 10 L/min)</td>
<td>+/- 10% of reading</td>
<td>75 L/min</td>
</tr>
<tr>
<td>Pediatric O₂/CO₂</td>
<td>0-200 cc/min</td>
<td>25 cc/min (starts at 25 cc/min)</td>
<td>+/- 20 cc/min</td>
<td>500 cc/min</td>
</tr>
<tr>
<td>Pediatric O₂</td>
<td>0-1 L/min</td>
<td>0.1 L/min (starts at 0.1 L/min)</td>
<td>+/- 0.1 L/min</td>
<td>2.5 L/min</td>
</tr>
<tr>
<td>Pediatric O₂</td>
<td>0-3.5 L/min</td>
<td>0.125 L/min from 0.125 to 1 L/min 0.25 L/min from 1 to 3.5 L/min</td>
<td>+/- 0.125 L/min or +/- 10% of reading (whichever is greater)</td>
<td>45 L/min</td>
</tr>
</tbody>
</table>

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

### Product Configurator

![Product Configurator Diagram](FM-SS(S)TU-VV(WW)-(X).png)

**FLOWRATE**
- O₂ | 1 L/min | 01
- O₂ | 3.5 L/min | 03
- Dil O₂ | 4 L/min | 04
- O₂ | 8 L/min | 08
- N₂ & CO₂ | 0.2 L/min | 12
- O₂ & Med Air | 15 L/min | 15
- Heliox | 16 L/min | 16
- Dil O₂ & Med Air | 25 L/min | 25
- O₂ & Med Air | 70 L/min | 70
- O₂ & CO₂ | 200 cc/min | 200

**COLOR CODE**
- USA | U

**GAS TYPE**
- Oxygen | O
- Medical Air | A
- Carbon Dioxide | C
- Nitrous Oxide | 2
- Heliox | H

**PATIENT CONNECTION**
- NO F2 | X2 | Puritan Bennett
- 1/4" MNPT | M4 | Ohmeda
- 1/8" MNPT | M2 | MedStar
- 1/4" FNPT | F4 | Schrader
- 1/8" FNPT | F2 | Ohmeda
- DISS Male | DM | Ohmeda
- DISS Nut & Nipple | DN | Schrader
- DISS Handtight | DH | British BOC
- Ohmeda | OH | Oximetry
- Chemtron | CH | Chemtron
- Japanese/Korean | JM | Oxequip

**OPTIONS**
- Nothing | XX
- Power Take-off | PT
- Chrome Swivel | CS
- Elbow Right | ER
- 1.5 Pipe Extension | E1
- 2 Pipe Extension | E2
- 2.5 Pipe Extension | E3
- 3 Pipe Extension | E4
- 3.5 Pipe Extension | E5
- 4 Pipe Extension | E6
- 4.5 Pipe Extension | E7
- 1" DISS Nut | D1

**ADDITIONAL OPTIONS**
- MRI | M
- Swivel | S
- Swivel/MRI | 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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