DESCRIPTION:

Flowmetrics 600 mm Single & Multi-stage flowmetering panel offer the highest precision available in our product line of variable area flowmeters. Each meter is provided with a direct reading, custom engraved scale mounted adjacent to the metering tube. Flowmetrics' scales are generated from data obtained in calibrations using fluids which simulate as closely as possible the customer's process (i.e., specific gravity and viscosity); Multi-stage (2, 3, or 4 metering tubes) flowmetering panels can be provided with optional interstage piping and valving. Flowmetrics' Series 2000 Single-stage meters and Series 4600 Multi-stage flow panels are supplied with panel mounting hardware included. End fittings are available in a variety of materials suitable for any process application. Standard end fitting connections include National Pipe Thread (NPT) and Military Standard (MS). Single stage flowmeters can be provided with horizontal or vertical flanges.

APPLICATIONS

- Hydraulic Component Test Benches
- Fuel Flow Test Benches
- Polyurethane foam production

SPECIFICATIONS

Capacity
Liquid: .2-90 GPM
Gas: .8-400 SCFM

Range
See Capacity Table 5, page 10

Accuracy
± 1% of rate, standard
±0.5% of rate, optional

Maximum Pressure
Refer to Table 7, page 10

Temperature
250°F / 121°C

Mounting
Panel mount, standard
Wall mount, optional

MATERIALS OF CONSTRUCTION

Flowmetering Tubes
Borosilicate Glass

Floats
Standard: 316 SS
Optional: PVC, Teflon, HastelloyC, Aluminum

"O" Rings
Buna, Viton, EPR, Teflon

Frame
Heavy gauge welded steel, corrosion resistant epoxy paint

Connections
Pipe Thread (NPT), Military (MS), Vertical Flange, Horizontal Flange

Options
Back Lighting, interstage piping

End Fittings
Standard: Steel, epoxy painted
Optional: 304 SS, 316 SS, PVC, Brass, Aluminum, Hastelloy C, Teflon

Bezel
Front: Aluminum with 1/4" thick acrylic safety shield
Rear: Clear Acrylic or Heavy gauge sheet metal

Model 4600 2 Stage with Interstage Piping
### Dimensions Model 2600 Single Stage & Model 4600 Multistage

#### Single Stage

<table>
<thead>
<tr>
<th>Tube Sizes: 2=1/2&quot;</th>
<th>4=1&quot;</th>
<th>8=2&quot;</th>
<th>3=3/4&quot;</th>
<th>5=1-1/2&quot;</th>
<th>9=2-1/4&quot;</th>
<th>Connection NPT</th>
<th>Dimension (Inches)</th>
<th>Net Wt. (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2600</td>
<td>2 (3 OR 4)</td>
<td>1</td>
<td>1/2&quot; (3/4&quot;)</td>
<td>A</td>
<td>34</td>
<td>30</td>
<td>3-1/2</td>
<td>4-3/4</td>
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<tr>
<td>2600</td>
<td>6 (8)</td>
<td>1</td>
<td>1-1/2&quot;</td>
<td>B</td>
<td>36-1/4</td>
<td>30</td>
<td>4-3/4</td>
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#### Multi-Stage

<table>
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<th>4=1&quot;</th>
<th>8=2&quot;</th>
<th>3=3/4&quot;</th>
<th>6=1-1/2&quot;</th>
<th>9=2-1/4&quot;</th>
<th>Connection NPT</th>
<th>Dimension (Inches) w/o piping</th>
<th>Net Wt. (Lbs.)</th>
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<tr>
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<td>2</td>
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<td>A</td>
<td>34 1/2</td>
<td>30</td>
<td>4-1/2</td>
<td>9-1/2</td>
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<tr>
<td>4600</td>
<td>42</td>
<td>2</td>
<td>1-1/2&quot;, 1/2&quot;</td>
<td>B</td>
<td>34 1/2</td>
<td>36-1/4</td>
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<tr>
<td>4600</td>
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<td>2</td>
<td>3/4&quot;, 3/4&quot;</td>
<td>C</td>
<td>34 1/2</td>
<td>36-1/4</td>
<td>36-1/4</td>
<td>45</td>
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<tr>
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<td>2</td>
<td>1-1/2&quot;, 3/4&quot;</td>
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<td>34 1/2</td>
<td>36-1/4</td>
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<tr>
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<tr>
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<tr>
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<td>36-1/4</td>
<td>36-1/4</td>
<td>55</td>
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</tbody>
</table>

**Note:**
1. ADD 1/2" EACH FOR FRONT/REAR BEZEL
2. EXCLUDES INTERSTAGE Piping

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![Diagram of Model 2600 Single Stage](image1)

![Diagram of Model 4600 Multistage](image2)

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**Panel Cut-Out Series 4600**

**Panel Cut-Out Series 2600**