Variable Area Fluoropolymer Flowmeter

**Series VAT**

**In-Line, ±5% Accuracy, Chemically Inert**

**Specifications**
- **Service:** Compatible liquids.
- **Wetted Materials:**
  - Flowtube: PFA; Float and end fittings: PTFE; Guide rods: PCTFE.
- **Temperature Limit:** 250°F (121°C).
- **Pressure Limit:** 100 psig (6.9 bar).
- **Accuracy:** ±5% FS @ 70°F (21.1°C) and 14.7 psia (1 atm absolute).
- **Process Connections:** See chart.
- **Leak Integrity:** 1 x 10⁻⁶ sczos of helium.
- **Scale:** 0 to 10 markings.
- **Mounting:** Vertical, in-line.

**Option**
For NIST traceable calibration certificate, use order code NISTCAL-FL1. $210.00

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**Series TVA**

**All Fluoropolymer Flowmeters**

75 mm and 125 mm, 10:1 Turndown, ±5% FS Accuracy

**Specifications**
- **Service:** Compatible liquids.
- **Wetted Materials:**
  - Flowtube: PFA; Float and end fittings: PTFE; Guide rods: PCTFE.
  - **Temperature Limit:** 250°F (121°C).
  - **Pressure Limit:** 100 psig (6.9 bar).
  - **Turn-down Ratio:** 10:1.
  - **Accuracy:** ±5% FS @ 70°F (21.1°C) and 14.7 psia (1 atm absolute).
  - **Repeatability:** ±0.25%.
  - **Leak Integrity:** 1 x 10⁻⁶ sczos of helium.
  - **Scales:** 0 to 10 markings, 75 mm or 125 mm lengths.

**Option**
For NIST traceable calibration certificate, use order code NISTCAL-FL1. $210.00

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**Tables**

<table>
<thead>
<tr>
<th>Model</th>
<th>Low Range</th>
<th>Valve $</th>
<th>No Valve $</th>
<th>Connections</th>
<th>Flow Rate (m/min)</th>
<th>Flow Rate (gpm)</th>
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</thead>
<tbody>
<tr>
<td>VAT-301</td>
<td>1/4” female NPT 125 (1.98)</td>
<td>$1105.00</td>
<td>$360.00</td>
<td>1/2” female NPT 100 (1.58)</td>
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<td>1/4” female NPT 250 (3.91)</td>
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<td>VAT-303</td>
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<td>VAT-304</td>
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<td>$360.00</td>
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<td>400 (18.70)</td>
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<td>VAT-305</td>
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<td>VAT-306</td>
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<td>$360.00</td>
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<tr>
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<td>$360.00</td>
<td>1/2” female NPT 1000 (17.73)</td>
<td>1000 (47.54)</td>
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</tr>
</tbody>
</table>

[Diagram of flowmeters with dimensions and specifications]