The innovative Series VF Crab Float® Acrylic Flowmeters with Roto-Gear Valve Technology are direct reading variable area flowmeters with scales for liquid or gas applications. Roto-gear valve technology permits full open to close adjustment while maintaining fine flow control of the process media in one valve design. Installation, operation, and maintenance are simple ensuring a long, accurate, and trouble-free operation life.

FEATURES/BENEFITS
- Patent pending interlocking and rotating gear valve design offers fine flow control with full flow adjustment from fully open to fully closed
- Convenient valve cartridge assembly can easily be removed for effortless cleaning saving time and money
- Direct reading scales are hot stamped into the acrylic body resisting fading or wearing and extending product life
- Bodies are cut and precision machined from solid, clear acrylic blocks with white backgrounds for better visibility of the float, increasing reading accuracy
- Valve design features leak tight closure

APPLICATIONS
- Medical equipment
- Pollution monitors
- Chemical injectors
- Mining
- Laboratory
- Gas analysis
- Wastewater

REMOVABLE ROTO-GEAR VALVE CARTRIDGE ASSEMBLY
Easily remove or replace valve assembly

SPECIFICATIONS
- Service: Compatible gases and liquids.
- Wetted Materials: Body: Acrylic plastic; O-ring: Buna-N; Valve: Delrin®; Float: Stainless steel; Float stop: Polyolefin (range no. 141 Polyolefin and PVC); Float rod: 18-8 SST; Fittings: PVC (VF CRII Delrin®); ABS plastic.
- Temperature Limit: 120°F (48°C).
- Pressure Limit: 100 psig (6.9 bar).
- Accuracy: 2% of FS.
- Process Connection: VFCR: 1˝ female NPT back connections; VFCRII: 1˝ male NPT back connections.
- Scale Length: 5˝ (127 mm).
- Mounting Orientation: Mount in vertical position.
- Weight: 25.6 oz (0.73 kg).
- Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Thread Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFCR-X</td>
<td>1˝ FNPT</td>
<td>$109.00</td>
</tr>
<tr>
<td>VFCRII-X</td>
<td>1˝ MNPT</td>
<td>109.00</td>
</tr>
</tbody>
</table>

How To Order:
Model - Range No. - Option
Example: VFCR-121-NIST

OPTIONS
To order add suffix:
- NIST
- BSPT
Description: NIST traceable calibration certificate BSPT process connections
Price: $+215.00

Example: VFCR-121-NIST