The innovative SERIES VFCR Visi-Float® Acrylic Flowmeter with Roto-Gear Technology is a direct reading variable area flowmeter 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 (optional fluoroelastomer); Valve: Delrin®; Float: Stainless steel; Float stop: Polyolefin (range no. 141 Polyolefin and PVC); Float rod: 18-8 SST; Fittings: PVC (VFCRII 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).

OPTIONS
To order add suffix:
-VIT Fluoroelastomer O-rings
-NIST NIST traceable calibration certificate
-BSPT BSPT process connections

Example: VFCR-121-NIST