

## CAT ROTARY FLOW SENSOR SPECIFICATIONS

### Unit Construction:

Body: Hydrolytically stable, glass reinforced high-density polypropylene  
Lens: High-transparency polysulfone  
Rotor: FDA Compliant, high visibility blue nylon  
Shaft Pin: Ceramic  
Seal: Buna N O-ring

### Physical Characteristics:

Ports: 1/4" NPT Female or 3/8" O. D. Tru-Seal  
Working Pressure: 100 PSI Maximum  
Overall Length: 3.06"

### Safeguards:

Electrical: Safe, low voltage operation  
Design: Fail-safe technology  
Switching: Performed exclusively by controller unit

### Additional Features:

Sampling Method: Dynamic  
Cable: 10' Shielded  
Connector: CAT Proprietary  
Setup: Auto-detect  
pH: Audible / Visual Safeguard Alarms  
ORP: Audible / Visual Safeguard Alarms  
Controller Unit: Comprehensive Diagnostic Self-Test  
Optional: Rotary or Pressure Flow Sensor  
Optional: Remote Alarm

## Outputs:

pH Feed: 10 Amp/120 VAC Pigtail or 24 Volt (Solenoid Valve)

ORP Feed: 10 Amp/120 VAC Pigtail or 24 Volt (solenoid Valve)

Remote

Alarm : 12 Volt DC

Flow Sensor: Auto-Detect

## Optional Equipment:

Rotary or Pressure-based Flow Sensor

Machined Acrylic Flow Cell Assembly

RS232 Computer Interface

Serial Printer / Recorder