

# MX50S 2" flowmeter series



2" Oval gear flow meter designed for the measurement of industrial solvents.

- Aluminium construction
- Max flow rate 500 LPM / 130 GPM
- Temperature up to 120°C
- Accuracy 0.5% Pulse
- Available with BSP, NPT, DIN, JIS or ANSI process connections
- Suitable for high viscosity fluids

## Materials of Construction

<b>Meter Body</b>	Aluminium
<b>Rotor</b>	Aluminium * Standard option
	Aluminium * High viscosity option - fluids > 1,000cps
<b>Seals</b>	FEP (Teflon®)

## Technical Specifications

<b>Flow Rate</b>	<b>&lt;5cps</b> 15-500 L/min	<b>&gt;5cps</b> 15-500 L/min
<b>Temperature</b>	-40 - 120°C	
<b>Pressure</b>	1,000 psi	
<b>Accuracy</b>	+/- 0.5%	
<b>Repeatability</b>	+/- 0.03%	
<b>Nominal K-Factor</b>	6.7 pulses per ltr	

## Design Specifications

<b>Process Connections</b>	<b>Threaded</b>	<b>Flange</b>
	2" BSP	ANSI CLASS 150
	2" NPT	DIN PN16
		JIS 10k

## Display and Output Options

<b>Standard</b>	Pulse Output	1x Reed/1x Hall Effect
<b>High Temp</b>	Pulse Output	NPN open collector. Suitable for 120°C
<b>PR</b>	LC display (12mm)	Display Only
<b>PRA</b>	LC display (12mm)	Scaled Pulse, 4-20mA and Hi/Lo Flow Alarm
<b>ER</b>	LC display (17mm)	Display Only
<b>ERA</b>	LC display (17mm)	Scaled Pulse, 4-20mA output (passive)
<b>ERS</b>	LC display (17mm)	Net Use Function - input A-B (remote mount only)

## Accessories

- Air eliminator/Strainer combination - 250 micron (60 mesh)
- Service/repair kits available upon request