



Model S050/S075/S100/S150/S200

# 渦輪式流量計



## Select Your Meter Size:

1/2 inch 3/4 inch 1 inch 1-1/2 inch 2 inch



## Features and Benefits:

- ✓ Stainless steel meters have excellent chemical compatibility.
- ✓ Modular design allows for use with Output Modules, Sensors and Remote Transmitters.
- ✓ 2 Totals (Batch = Resettable, Cumulative = Non-Resettable); Rate of Flow. Factory calibrated in gallons and litres. Field calibratable. Allows user calibration. Includes non-volatile totals.
- ✓ High accuracy meter.
- ✓ Internal parts are simple to replace for easy maintenance.
- ✓ Lithium battery life: 5 years.
- ✓ Accessories easily upgrade meter.

## STAINLESS STEEL – SPECIFICATIONS

<b>Fitting Type:</b>	NPT or ISO (Female)				
<b>Housing Material:</b>	316 Stainless Steel				
<b>Meter Sizes Available:</b>	1/2"	3/4"	1"	1-1/2"	2"
<b>Flow Range:</b>	1/2" (S05)	1 - 10 GPM (3.8 - 37.9 LPM)			
	3/4" (S07)	2 - 20 GPM (7.6 - 75.7 LPM)			
	1" (S10)	5 - 50 GPM (18.9 - 190 LPM)			
	1-1/2" (S15)	10 - 100 GPM (38.0 - 380 LPM)			
	2" (S20)	20 - 200 GPM (76 - 760 LPM)			
<b>Accuracy (% of Reading):</b>		<b>Turbine Only</b>	<b>Turbine w/Computer</b>		
	1/2" (S05)	± 2.0%	± 1.5%		
	3/4" (S07)	± 1.5%	± 1.0%		
	1" (S10)	± 1.5%	± 1.0%		
	1-1/2" (S15)	± 1.0%	± 0.75%		
	2" (S20)	± 1.0%	± 0.75%		
<b>Repeatability:</b>	± 0.1%				
<b>Pressure Rating:</b>	1,500 PSI / 102 BAR				
<b>Operating Temperature Range:</b>	-40° F to +250° F (-40° C to +121° C)				
<b>with Computer:</b>	0° F to +140° F (-18° C to +60° C)				
<b>Typical K-Factor:</b>	1/2" (S05)	2,500			
	3/4" (S07)	1,100			
	1" (S10)	565			
	1-1/2" (S15)	215			
	2" (S20)	100			
<b>Wetted Materials:</b>	<b>Housing:</b>	316 Stainless Steel			
	<b>Bearings:</b>	Ceramic			
	<b>Shaft:</b>	Tungsten Carbide			
	<b>Rotor:</b>	PVDF			
	<b>Rings:</b>	316 Stainless Steel			
<b>Frequency Range:</b>	1/2" (S05)	42 - 420 Hz @ 1 - 10 GPM			
	3/4" (S07)	37 - 370 Hz @ 2 - 20 GPM			
	1" (S10)	47 - 470 Hz @ 5 - 50 GPM			
	1-1/2" (S15)	36 - 360 Hz @ 10 - 100 GPM			
	2" (S20)	33 - 330 Hz @ 20 - 200 GPM			
<b>Recommended Strainer Size:</b>					
	1/2" (S05)	55 mesh			
	3/4" (S07)	55 mesh			
	1" (S10)	55 mesh			
	1-1/2" (S15)	28 mesh			
	2" (S20)	28 mesh			
<b>Maximum Flow:</b>	1/2" (S05)	15 GPM (56.8 LPM)			
	3/4" (S07)	30 GPM (113.6 LPM)			
	1" (S10)	75 GPM (284 LPM)			
	1-1/2" (S15)	150 GPM (568 LPM)			
	2" (S20)	300 GPM (1,136 LPM)			
<b>Wrench Flat Size:</b>	1/2" (S05)	1-1/16 inch (27 mm)			
	3/4" (S07)	1-5/16 inch (33 mm)			
	1" (S10)	1-5/8 inch (41 mm)			
	1-1/2" (S15)	2-3/8 inch (60 mm)			
	2" (S20)	3 inch (75 mm)			
<b>Shipping Weight:</b>	1/2" (S05)	2.3 lbs./1.1 kg - Turbine Only: 2.1 lbs./0.95 kg			
	3/4" (S07)	2.5 lbs./1.1 kg - Turbine Only: 2.3 lbs./1.0 kg			
	1" (S10)	3.0 lbs./1.3 kg - Turbine Only: 2.8 lbs./1.2 kg			
	1-1/2" (S15)	4.6 lbs./2.0 kg - Turbine Only: 4.4 lbs./2.0 kg			
	2" (S20)	6.8 lbs./3.0 kg - Turbine Only: 6.6 lbs./3.0 kg			

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