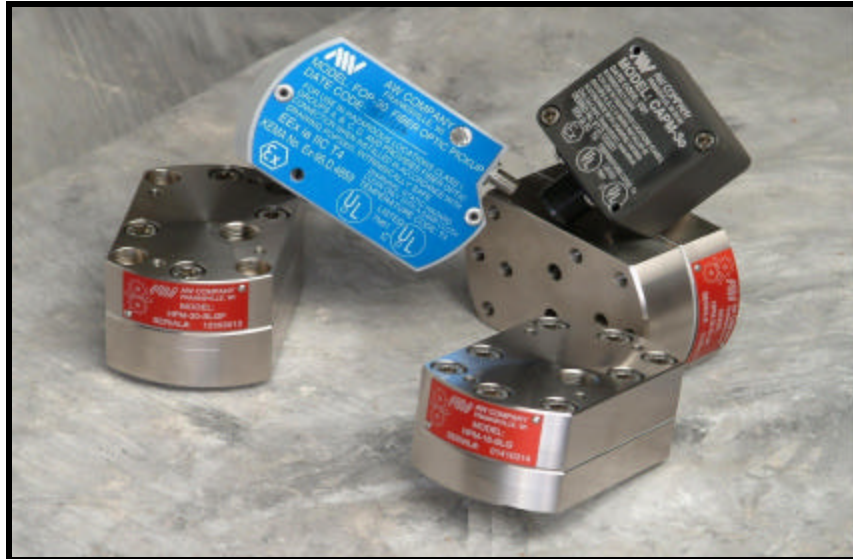




AW Company

## JVS / HPM-SLG Series Positive Displacement Flow Meter



### Technical Specifications:

- Flow ranges 0.01 to 2.0 GPM
- Accuracy  $\pm 0.5\%$  of reading
- Pressure rating up to 2000 PSI
- Special Titanium coated gears available upon request
- Compact for tight spaces
- 303 and 316 SS bodies
- Manifold Mount or Threaded Port
- Fiber Optic or Pulse Sensors

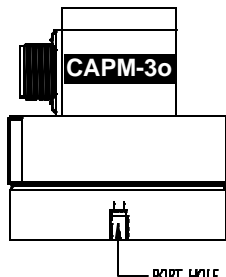
### What is a JVS / HPM - SLG Meter?

Automotive paint systems place extreme demands on their components. For over 15 years, AW Company flow meters have met these demands, and more. The JVS-SLG and HPM-SLG Positive Displacement Flow Meters feature smaller, lighter bodies than traditional flow meters, making them easier to install on robotic arms and in tight spaces. These meters also feature a revolutionary body with virtually no dead space, allowing for extremely efficient flush cycles and color changes. Available in 303 or 316 stainless steel and with a variety of sensor options including fiber optic and intrinsically-safe designs for electrostatic applications, these meters are the industry standard for water-based and solvent-based paints and coatings.



AW Company

# JVS / HPM-SLG Series Positive Displacement Flow Meter



## Meter Technical Data

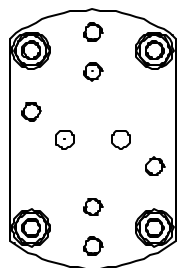
<b>Materials of Construction:</b>	<b>Accuracy:</b>	$\pm 0.5\%$ over 10:1 Turndown with 30 cP Fluid
<b>Body:</b> HPM 303 SS	<b>Repeatability:</b>	$\pm 0.1\%$
JVS 316 SS	<b>Temperature:</b>	180° C / 400° F
<b>Gear:</b> 17-4PH SS / 1.4122	<b>Filtration:</b>	Not Provided - See recommendation
<b>O-Ring:</b> JVS:Teflon	<b>**Porting</b>	BSP, NPT adapters available
HPM: Gasket: Teflon		
<b>Bearings:</b> Tungsten Carbide		

Meter Type	Range Gal/Min	Impulse/ Gallon	Impulse/ cc	Filtration (Micron)	Ports	Wt (lbs)	Pressure Rating
JVS-15SLGS	0.01-0.5	31,000	8.2	120	1/8" BSP	2.75	2,000
JVS-15SLGFS	0.01-0.5	31,000	8.2	120	1/8"	2.75	2,000
JVS-20SLGS	0.02-1.0	15,900	4.2	120	1/8" BSP	3.00	2,000
JVS-20SLGFS	0.02-1.0	15,900	4.2	120	1/8"	3.00	2,000
HPM-15SLGF *	0.01-0.5	31,000	8.2	120	1/8"	2.50	500
HPM-15SLG *	0.01-0.5	31,000	8.2	120	1/8" BSP	2.50	500
HPM-20SLGF *	0.02-2.0	15,900	4.2	120	1/8"	3.00	500
HPM-20SLG *	0.02-2.0	15,900	4.2	120	1/8" BSP	3.00	500

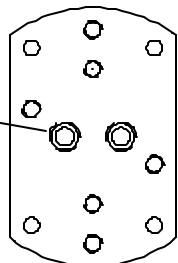
\* = Titanium coated gears available for water based fluids

Model	Type	Features
CAPM-30	Single Sensor - UL Approved	Intrinsically safe, frequency output when used with a Barrier
FOP-30	Fiber Optic Sensor	Fully isolated optical signal
OPTV-20	Light to Frequency Converter	Converts optical output to frequency output
Fiber Optic Cable	Standard Heavy Duty Fiber Optic Cable	Available in 30, 45, 60 & 100 foot lengths

Products may be subject to change without notice - Contact factory for current information



**JVS-XX SLGFS or  
HPM-XX SLGF**  
Unthreaded Corners  
with long bolts  
No Port Threads



Threaded  
Port  
Holes

**JVS-XX SLGS or  
HPM-XX SLG**  
Standard corner bolts  
Port Threads

### Fiber Optic System FOP 30/S

