



AW Company

# HPM Series Positive Displacement Flow Meter



## Technical Specifications:

- Flow ranges 0.01 to 7.0 GPM
- Accuracy  $\pm 0.5\%$  of reading
- Pressure rating up to 5000 PSI
- Economical cost
- Three flow ranges available
- 303 Stainless Steel body
- Pulse, mA and voltage sensors available
- Great for multiple viscosity fluids

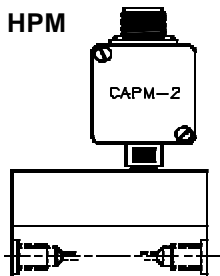
## What is a HPM Meter?

The HPM series flow meter is recommended for solvent-based paints and coatings, lubricants, hydraulic oils, adhesives, sealants, resins, isocyanates and other materials compatible with 303 stainless steel. The HPM Series positive displacement, spur gear flow meters are ideally suited for multi-viscosity fluid measurement. Each meter is constructed of stainless steel and tungsten carbide, which allows the HPM to be used with abrasive fluids as well as fluids under high pressure. The rugged design ensures a long operating life and regular recalibration is not required for normal operating conditions. High precision at low flow rates, combined with rugged durability and easy maintenance are distinguishing features of this flow meter.



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## Meter Technical Data

<b>Materials of Construction:</b>	<b>Accuracy:</b> ± 0.5%
<b>Body:</b> 303 SS	<b>Repeatability:</b> ± 0.01%
<b>Gear:</b> 1.4122 Stainless Steel	<b>Temperature:</b> 185° C / 400° F
<b>O-Ring:</b> Teflon / Viton optional	<b>Filtration:</b> Not Provided - See recommendation
<b>Bearings:</b> Tungsten Carbide	<b>**Porting:</b> BSP, NPT adapters available

Model	Impulses GPM	Impulses CC	Flow Range in GPM	Dia. (in)	Hgt (in)	Port BSP/NPT	Filtration (micron)	Max PSI	Weight (lbs)
HPM-15	31000	8.2	0.01 to 0.5	3.33	2	1/4" BSP	120	5000	5.5
HPM-20	15900	4.2	0.02 to 2.0	3.33	2.16	1/4" BSP	120	5000	6.5
HPM-30	6600	1.74	0.1 to 7.0	3.33	2.63	1/4" BSP	120	5000	10.5

Model	Type	Features
CAPM-2	Single Sensor- standard	Frequency output
CAPM-2o	Single Sensor - UL Approved	Intrinsically safe - frequency output
CAPM-15	High Temp Sensor to 400°F for Stainless Steel	Separated pickup & amplifier module
FOP-20	Fiber Optic Sensor	Fully isolated optical signal

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

