

AG Insertion Competitive Profile

	Seametrics AG90	McCrometer McPropeller M0300 Bolt on Saddle	McCrometer McMag3000
Size range	4"-12"	4"-16"	4"-12"
Pressure	200 PSI	150 PSI	150 PSI
Temperature Ambient Fluid	0°-160°F 32°-200°F	160°F	-4°-220°F
Accuracy 0.5-4.5 m/sec (1.64-14.76 ft/sec) 0.3-0.5 m/sec (.98-1.64 ft/sec)	+/-2% of reading +/- (2% of reading + .25% of full scale)	+/-2% of reading over full range +/-1% over reduced range	+/-1% of reading (100%-10% max flow) +/-2% of reading below 2.3 ft/s (10% max flow -cutoff)
Body Materials	316 Stainless Steel	304 Stainless Steel	304 Stainless Steel
Flow Range 4" 6" 8" 10" 12" 14" 16"	64.3-578 GPM 144.6-1,301 GPM 257-2,313 GPM 401.6-3,614 GPM 578.3-5,204 GPM NA NA	(Over-run bearing option increases max flow by 50%) 50-600 GPM 90-1,200 GPM 100-1,500 GPM 125-1,800 GPM 150-2,500 GPM 250-3,000 GPM 275-4,000 GPM	26/90-900 GPM 59/200-2100 GPM 100/350-3600 GPM 160/560-5600 GPM 230/800-8100 GPM NA NA
Straight pipe	5 up, 2 down 10 up, 2 down Straight pipe (Selectable during set up)	10 up, 1 down 1.5 up, 1 down (with opt straightner)	3 up, 1 down
Power Battery DC AC	4 Years (One lithium, 7,2V 'D' size battery pack) NA NA	No power required NA NA	Up to 5-years (3-D size batteries) Optional No
Bi-directional	Yes Forward, reverse, net, batch forward, batch reverse	NA	Reverse flow Indication only
Output	Pulse	*optional	Pulse
Conductivity	>20 microsiemens/cm	NA	>50 microsiemens/cm
Electrodes	C276 Hastelloy	NA	Stainless
Empty pipe detection	Yes	NA	Yes
Environmental	IP67		IP67

Options	Data Logging	Straightening vanes Flow straightener (6"-12" only) *4-20 mV, dry contact relay, *digital pulse, 40-20mA, 1-5V Marathon Bearing (increases max flow rate by 50%) Anti-Reverse register 7-digit battery totalizer Fwd/Rev Register Certified 3 point or 5 point test report FlowCom digital register Register extension Canopy boot cover 3 year warranty	DC power w/ battery backup (pulse & 4-20 mA) Epoxy coated C.S. spool Cable for pulse output
Warranty	5 years from shipment	1 year from delivery	2 years from shipment
Base price as of	11/2018	7/2018	7/2018
4"	\$1,260	\$1,123	\$1,896
6"	\$1,310	\$1,179	\$2,050
8"	\$1,360	\$1,258	\$2,293
10"	\$1,435	\$1,359	\$2,787
12"	\$1,497	\$1,483	\$3,289
14"	NA	\$1,633	NA
16"	NA	\$1,797	NA
Approvals	CE pending	AWWA	