

SPECIFICATIONS

Pipe Sizes / Flanges	4", 6", 8", 10", 12" (For 3" version, see AG2000-300.) / 150 lb. ANSI
Pressure	150 psi (10.3 bar) working pressure
Temperature	Operating :10° to 130° F (-12° to 54° C), Storage: -40° to 158° F (-40° to 70° C)
Accuracy	AG3000 +/- 1% of reading +/- 0.025% of full-scale flow from low flow cutoff to maximum flow rate of 10 m/sec
	AG3000+ +/- 0.075% of reading +/- 0.025% of full-scale flow from low flow cutoff to maximum flow rate of 10 m/sec
Low Flow Cutoff	0.5% of maximum flow rate
Material	Body: Welded steel, epoxy-coated, Liner: Santoprene flange/Polypropylene liner body, Electronics Housing: Diecast Aluminum, Electrodes: 316 stainless steel
Display	128x64 dot-matrix LCD
Power	DC: 9-36 Vdc, 250 mA max, AC: 85-264Vac, 50/60Hz, 0.12A, Battery: Two lithium 3.6V 'D' batteries, replaceable.
Scaled Pulse Output	Signal: Current sinking pulse, Pulse Rates: User-scalable
Options	4-20 mA Current Loop, High Speed Digital Output, Serial Communications (Modbus® RTU Optional)
Cable	Power/Output Cable: Six-conductor water-blocked cable, polyurethane jacket, 20' (6m) standard
Conductivity	>20 microSiemens/cm
Empty Pipe Detection	Hardware/software, conductivity-based
Regulatory	C € (EN 61326) (Pending),
Environmental	IP68 to 10ft (3m) depth



Water solutions for life

Since 1990, Seametrics has been providing high value flow meters and controls. Our guiding principles have been simplicity, durability and affordability. Over the years our product line has expanded from inexpensive mechanical meters to a highly accurate family of electromagnetic flow meters to fit a wide range of applications. Our focus on product value and customer service has resulted in twenty five years of continuous growth. We are dedicated to helping the world conserve its most valuable resource.



Seametrics AG3000 Series



The **AG3000** is a spool-type electromagnetic flowmeter for use in irrigation applications in 4" to 12" pipe. With no moving parts, these meters provide unobstructed flow and are resistant to wear from debris found in ground or surface water. Little maintenance is required because there are no bearings to wear out or propellers to stop turning. Minimal straight pipe requirements allow AG3000 meters to be used in piping configurations where there is little space between the meter and an elbow.

The standard AG3000 is battery powered with an available pulse output. Both rate and total indication are displayed. Bidirectional flow reading is standard with totals available in forward, reverse, and net numbers. Built-in data logging is available as an option for secure flow logging. The AG3000 is also available with external DC power. With an externally powered AG3000 an optional output can be added, such as 4-20mA, Modbus®, or HART.

The standard display is meter mounted, but can be remote with the AG3000r. The AG3000r is only available with external DC power or with an internal AC power supply.

The AG3000p is available with either external DC power or an internal AC power supply and includes both pulse and 4-20 mA outputs standard.

All meters are secured with a seal to protect unauthorized access into the housing. The seal can be broken by an authorized agent, to change the battery pack, or field install a power/output cable.

AG3000

Series

Minimum Straight Pipe

5-Year Battery Life

Data Logger Option

Telemetry Ready - For
Wireless Meter Reading

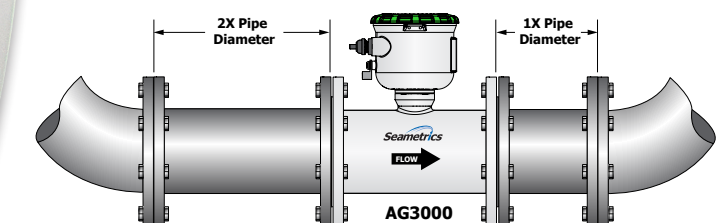
IP-68 Rated

Optional External Power

Available Modbus, HART
& 4-20mA Outputs

Bi-Directional Flow

Standard Pulse Output



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