	Pipe Sizes / Flanges	4", 6", 8", 10", 12" (For 3" version, see iMAG 4600-300.) / 150 lb. ANSI
	Pressure	150 psi (10.3 bar) working pressure
PECIFICATIONS	Temperature	Operating : 10° to 130° F (-12° to 54° C), Storage: -40° to 158° F (-40° to 70° C)
	Accuracy	±0.75% of reading on iMAG 4700p and 4700r (±1.0% iMAG 4700), ±0.025% of full-scale flow from low flow cutoff to maxi. flow rate of 10 m/sec
	Low Flow Cutoff	cutoff to maxi. flow rate of 10 m/sec
	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 (4700 only): 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), HART
	Cable	Power/Output Cable: 20ft (6m) standard length polyurethane jacketed cable—for power and outputs (lengths up to 200') Remote Display Cable (3700): 33ft (10m) standard length
S	Conductivity	>20 microSiemens/cm
	Empty Pipe Detection	Hardware/software, conductivity-based
	Regulatory	NSF-61, C (EN 61326) (Pending),
	Environmental	IP68 to 10ft (3m) depth

iMAG 4700

iMAG 4700p

FLOW

iMAG 4700r

Technology with a Mission

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 acurate 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.



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The iMAG Series is the most economical flanged electromagnetic flowmeter on the market. With electrodes designed to discourage fouling, it is available in 4" to 12" pipe in municipal or industrial water, waste and reclaimed water, pump stations and packaged plant applications. Minimal straight pipe requirements allow iMAG-Series meters to be used in piping configurations where there is little space between the meter and an elbow.

The display can be meter mounted or remote, and both rate and total indication are standard. Rate and total units can be set via the front panel touch key pad by the user. Bidirectional flow is standard with forward, reverse and net flow.

The power/output cable also provides outputs for use with a variety of Seametrics and other displays and controls for remote reading, data logging, and telemetry applications. 4-20mA passive current loop, HART protocol, high speed digital, and Modbus® protocol outputs are optional on the externally powered models. Pulse output is standard on the battery powered model. The 4700p and 4700r DC powered models can also be supplied with an optional internal AC power supply.





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IP-68 Rated

NSF 61 Approved

External or Battery Powered

Modbus & HART Protocol

Minimum Straight Pipe

Pulse & 4-20mA Output

Bi-Directional Flow

Data Logger

Battery Backup

Integrated Power Supply

Internal or Remote Display