

# ELECTROMAGNETIC FLOWMETER

SERIES : SC / R - 600



Spink Electromagnetic Flowmeter-Instrument designed for measuring and indicating flow and total volume of conductive liquids. As there are no moving parts in the flow profile the device can be used to measure extremely dirty liquids containing solids. The flowmeter is for use with conductive liquids only. Range of applications. The flowmeter has been designed for use in all process industries including chemical, water and wastewater.

**FEATURES** The inductive flowmeter R-401 is a highly accurate and stable device. The construction of the flowmeter uses components with a long-term time and temperature stability.

## TECHNICAL SPECIFICATION

Parameter	MagFlow6410	EcoMag6420	MagBP6440	MagProb6450
Nominal dia(mm)	10 to 3000	10 to150	10 to 1000	>100
Working pressure (kg/cm <sup>2</sup> )	10,16,25,40	5	16,16,25,40	20
Working temperature	Integral PTFE - 120°C Remote PTFE - 180°C Others - 70°C	Up to 55°C	Up to 55°C	Up to 120°C
Electrode material	SS316 Std.*	SS316 Std.*	SS316 Std.*	SS316 Std.*
Sensor lining	Std. Rubber*	NA	Std. Rubber*	NA
Display version	integral/Remote	integral/Remote	integral/Remote	integral/Remote
Measuring tube material	SS301Std.*	HDPE	SS301 Std.*	SS316 Std.*
Sensor housing material	Std.CS*	HDPE	Std.CS*	NA
End Connection	Flange/Water/Tri-clamp/SMS	Flange	Flange/Water/Tri-clamp/SMS	NA
Flange - Standard	ANSI 150*	ANSI 150*	ANSI 150*	NA
Measuring range	0.2 to 12 m/sec.Bidirectional	0.2 to 12 m/sec.Bidirectional	0.2 to 12 m/sec.Bidirectional	0.2 to 12 m/sec.Bidirectional
Accuracy % of measured value	+0.5% (+0.2 consult factory)	+1%	+0.5%	+2%
Repeatability	+0.2% of scan	+0.2% of scan	+0.2% of scan	+0.2% of scan
Display	2 line LCD	2 line LCD	LCD	2 line LCD
Display units	All standard engineering units in m <sup>3</sup> ,liter,gallon,f <sup>3</sup> , imperial gallon	All standard engineering units in m <sup>3</sup> ,liter,gallon,f <sup>3</sup> , imperial gallon	All standard engineering units in m <sup>3</sup> ,liter,gallon,f <sup>3</sup> , imperial gallon	All standard engineering units in m <sup>3</sup> ,liter,gallon,f <sup>3</sup> , imperial gallon
Output	Std.4 - 20 mA+	Std.4 - 20 mA+	Pulse+	Std.4 - 20 mA+
Power Supply	18 - 60 V DC or 80 - 300 VAC/DC	18 - 60 V DC or 80 - 300 VAC/DC	Battery powered 6 years battery life	18 - 60 V DC or 80 - 300 VAC/DC
Protection class or sensor	Std.IP 65 Option IP 68 or flow tube in remote type	Std.IP 65 Option IP 68 or flow tube in remote type	Std.IP 65 Option IP 68 or flow tube in remote type	Std.IP 68
Protection class or transmitter	IP 67	IP 67	IP 67	IP 67
Cable length for remote	Std.10 m	Std.10 m	Std.10 m	Std.10 m
Installation	Inline flanged type	Inline flanged type	Inline flanged type	Insertion type with use of isolating ball valve assembly on pipeline.



303, SIDDHARTH TOWER, MYNOOMAL PATH, KOPRI, THANE(E) - 400 603 MAHARASHTRA, INDIA  
 Fax : +91 22 2532 4845 Phone : +91 22 2532 8223 +91 22 2532 8224

Email : info@spinkcontrolsindia.com