

# Mag Meter

**Model: GTI-MAG-2500**

Isomag Flange-Style  
Electromagnetic Flow Meter Sensor



## Features:

- Accuracy to +/-0.2% of rate from 1 to 33 ft/sec
- Available Sizes: Nineteen sizes from 1" to 48" Pipe Diameters
- Flow: Range from 2.37 to 179,400 GPM
- Pressures to 5600 PSI @ 70F
- Temperatures up to 300F
- Volumetric flow rate measurement independent of fluid viscosity, density, and temperature
- No moving parts for zero maintenance
- Bi-directional flow measurement
- No pressure drop through sensor
- Several converters and interfacing available.
- Available with Rilsan, Polypropylene, Ebonite, PTFE, or PFA liners, with compact or remoted mounted converter

## Typical Applications:

- Water
- Wastewater
- Process Chemicals
- Acid
- Brine

## Available Sizes and Dimensions:

Size (In.)	1	1-1/4	1-1/2	2	3	4	6	8	10	12	14	16
Min Flow Rate (gpm @ 1 ft/sec)	2.4	3.89	6.08	9.49	24.30	37.97	85.44	151.9	341.8	237.3	465.2	607.6
Max Flow Rate (gpm @ 33 ft/sec)	77.9	127.6	199.3	311.5	797.4	1246	2803	4984	7787	11,213	15,262	19,934
Length (L below)	7.87	7.87	7.87	7.87	7.87	9.84	11.81	13.78	17.72	19.68	21.65	23.62
Height (H below)	7.13	7.28	8.15	8.74	10.20	11.34	13.43	15.79	18.15	20.75	22.91	25.16
Flange Dia. (D below)	4.24	4.57	5.00	5.98	7.52	9.02	10.98	13.50	15.98	19.02	20.98	23.50

Size (In.)	18	20	24	26	30	34	36	42	48
Min Flow Rate (gpm @ 1 ft/sec)	768.9	949.4	1367	1604	2136	2744	3076	4187	5468
Max Flow Rate (gpm @ 33 ft/sec)	25,229	31,147	44,852	52,639	70,082	90,016	100,918	137,360	179,400
Length (L below)	23.62	23.62	23.62	25.59	29.53	33.46	35.43	39.37	47.24
Height (H below)	25.16	29.57	34.09	36.26	40.63	45.24	47.48	54.37	58.66
Flange Dia. (D below)	23.50	27.52	32.01	34.25	38.74	43.74	45.98	52.99	57.28

Water Treatment  
Professionals



## Isomag Converters for Electromagnetic Flowmeters

### GTI-MAG-ML800



- Flows measurement of liquids with a min conductivity of 20 mS/cm
  - Cast aluminum housing, protection NEMA 6 (IP 67)
  - For use in environments with high humidity or where flow rate indication is not required
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### GTI-MAG-MV110



- Sensor or Wall Mount
  - MODBUS and HART Protocols
  - For applications in water or wastewater where basic measurement requirements or output protocols are required
  - AC or DC Operated
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### GTI-MAG-ML210



- Rugged aluminum enclosure with backlit LCD graphics display.
  - Three external programming keys
  - Mounts on top of flow sensor, on wall, or in panel
  - 4-20mA Output and RS 485 communications standard
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### GTI-MAG-ML145



- Battery or solar powered converter housed in a rugged aluminum enclosure with 2 line LCD display
  - Mounts on top of flow sensor or on a wall
  - Powered by internal lithium batteries and/or external DC
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### GTI-MAG-ML4



- Designed for demanding repaid filling, batching and dispensing applications
- High sampling rate (400 samples/second) for short duration flows
- Bi-directional flow measurement