

# G2 Series

## Stainless Steel Industrial Meter (Rate & 2 Totals, 1 Resettable)



Our industrial grade electronic digital meters offer durable, compact, high precision fluid measurement systems at a fraction of the price you'd expect to pay for comparable systems with similar features and benefits.

### FEATURES

- Battery operated.
- Flow ranges: 1-200 GPM (depending on size).
- Rugged construction.
- Designed for indoor/outdoor use.
- Digital display with large 1/2" tall digits.
- Maximum batch total of 999,999.
- Approximate battery life is 4,000 hours.
- Displays instantaneous flow rate & flow totals (one totalizer is resettable).
- Ability to field calibrate (standard).

### TYPICAL APPLICATIONS

- Clean fluids (free of particulate).
- Fuel transfer pumps.
- Lubrication oil.
- Geothermal heating or cooling systems.
- Fertilizer trucks.
- Plant process fluid.
- Chemical feed lines.

### MATERIALS OF CONSTRUCTION

#### Housing and Rings:

316 stainless steel.

#### Bearings:

Ceramic.

#### Shaft:

Tungsten carbide.

#### Rotor:

PVDF.

#### Signal Generator:

Ferrite.

### G2 SERIES

### MODEL NUMBERING

Model Number: **G2** X X X X X

Size: \_\_\_\_\_

**S05** = 1/2"

**S07** = 3/4"

**S10** = 1"

**S15** = 1-1/2"

**S20** = 2"

Fitting Type: \_\_\_\_\_

**F** = 150 lb. ANSI Flange\*

**I** = ISO Female

**N** = NPT Female

**T** = Tri-Clamp

**X** = Electronics Only

Electronics (see page 158)

Calibration: \_\_\_\_\_

**GM** = Gallons / Minute

**LM** = Liters / Minute

**XX** = No Electronics

Packaging: \_\_\_\_\_

**A** = Turbine Only or Turbine with Display\*\*

**B** = Turbine Only or Turbine with Display\*\*\*

**C** = Turbine with Remote Transmitter with or without Turbine Mounted Display

**D** = 150 lb. ANSI Flange, Turbine with Local Display\*\*\*\*

**E** = 150 lb. ANSI Flange, Turbine with Local Display\*\*\*; 150 lb. ANSI Flange, Turbine with Remote Transmitter\*

\* S10, S15 and S20 only.

\*\* S05, S07 and S10 only.

\*\*\* S15 and S20 only.

\*\*\*\* S10 only.

# G2 Series

## Stainless Steel Industrial Grade Meter

(NPT or tri-clamp fittings)

### PRESSURE RATING

1500 PSI

### TEMPERATURE RANGE

14°F to 140°F

### ADDITIONAL SPECIFICATIONS

**Repeatability:**

± 0.1%.

### WEIGHTS & SPECIFICATIONS

Size	Flow Range		Accuracy (% of Reading)	Typical K-Factor	Frequency Range	Strainer Size	Max. Flow		Wrench Flat Size	Wt. (lbs.)	Model No.
	GPM	LPM					GPM	LPM			
<b>NPT</b>											
1/2"	1-10	3.8-37.9	±2.0	2,500	42-420 Hz	55 mesh	15	56.8	1-1/16"	2.0	G2S05N09GMA
3/4"	2-20	7.6-75.7	±1.5	1,100	37-370 Hz	55 mesh	30	113.6	1-5/16"	2.3	G2S07N09GMA
1"	5-50	18.9-190	±1.5	565	47-470 Hz	28 mesh	75	284	1-5/8"	2.6	G2S10N09GMA
1-1/2"	10-100	38-380	±1.0	215	36-360 Hz	55 mesh	150	568	2-3/8"	4.2	G2S15N09GMB
2"	20-200	76-760	±1.0	100	33-330 Hz	28 mesh	300	1136	3"	6.6	G2S20N09GMB
<b>Tri-Clamp</b>											
3/4"	1-10	3.8-37.9	±2.0	2,500	42-420 Hz	55 mesh	15	56.8	-	2.5	G2S05T09GMA
1"	2-20	7.6-75.7	±1.5	1,100	37-370 Hz	55 mesh	30	113.6	-	2.9	G2S07T09GMA
1-1/2"	5-50	18.9-190	±1.5	565	47-470 Hz	28 mesh	75	284	-	3.2	G2S10T09GMA
2"	10-100	38-380	±1.0	215	36-360 Hz	55 mesh	150	568	-	4.8	G2S15T09GMB
2-1/2"	20-200	76-760	±1.0	100	33-330 Hz	28 mesh	300	1136	-	7.2	G2S20T09GMB

### ELECTRONICS CHOICES

*Turbine with Local Display*

**09** = Standard: 2 button display, field configurable (2 totals, 2 calibrations, rate).

**19** = Vertical mount 2 button display, field configurable (2 totals, 2 calibrations, rate).

*Pulse Output (Remote)*

**41** = Remote pulse out transmitter and sine wave pickup (standard remote sensor option).

**43** = Remote pulse out transmitter and turbine mounted display (pulse out sensor option).

*GG500 - Display with Pulse Output (Remote)*

**51** = Sine wave pickup (standard remote sensor option).

**52** = Open collector pickup (conditioned signal sensor option).

**53** = Turbine mounted display (pulse access sensor option).

*GX500 - Display with 4-20 mA Output (Remote)*

**61** = Sine wave pickup (standard remote sensor option).

**62** = Open collector pickup (conditioned signal sensor option).

**63** = Turbine mounted display (pulse access sensor option).

*GA500 - 4-20 mA Output (Remote)*

**71** = Sine wave pickup (standard remote sensor option).

**72** = Open collector pickup (conditioned signal sensor option).

**73** = Turbine mounted display (pulse access sensor option).

*Turbine Only*

**XX** = No electronics.