G2 Series

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

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 resetable).
- 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.

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G2 Series

Stainless Steel Industrial Grade Meter
(NPT or tri-clamp fittings)

PRESSURE RATING

1500 PSI

ADDITIONAL SPECIFICATIONS

Repeatability:
± 0.1%.

TEMPERATURE RANGE

14°F to 140°F

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			
NPT											
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
Tri-Clamp											
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.

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