

# G2 SERIES HIGH-TEMP BREW METER

**FLO MEC**®



The FLO MEC® G2 Brew Meter features a high-temperature riser and Tri-clamp fittings. It is suitable for use with strike water, hot water flow, and brewing liquids.

## FEATURES / BENEFITS

Features highly visible Q9, battery-powered, LCD display; 2-year battery life

- High accuracy meter
- Modular design allows for use with output modules, sensors, and remote display kits; plug and play
- Internal parts are simple to replace for easy maintenance
- 11 pre-programmed engineering units plus 1 custom option: gallon, litre, imperial gallon, quart, ounce, acre-foot, millilitre, cubic foot, cubic centimetre, cubic metre, barrel
- Tri-clamp, high temperature, sanitary fittings:
  - $\frac{3}{4}$  inch fitting for  $\frac{1}{2}$  inch meter
  - 1 inch fitting for  $\frac{3}{4}$  inch meter
  - $1\frac{1}{2}$  inch fitting for 1 inch meter
  - 2 inch fitting for  $1\frac{1}{2}$  inch meter
  - $2\frac{1}{2}$  inch fitting for 2 inch meter
- For applications requiring 3A Food & Beverage certifications, see the FLO MEC 3A turbine meter (GSCPS model).

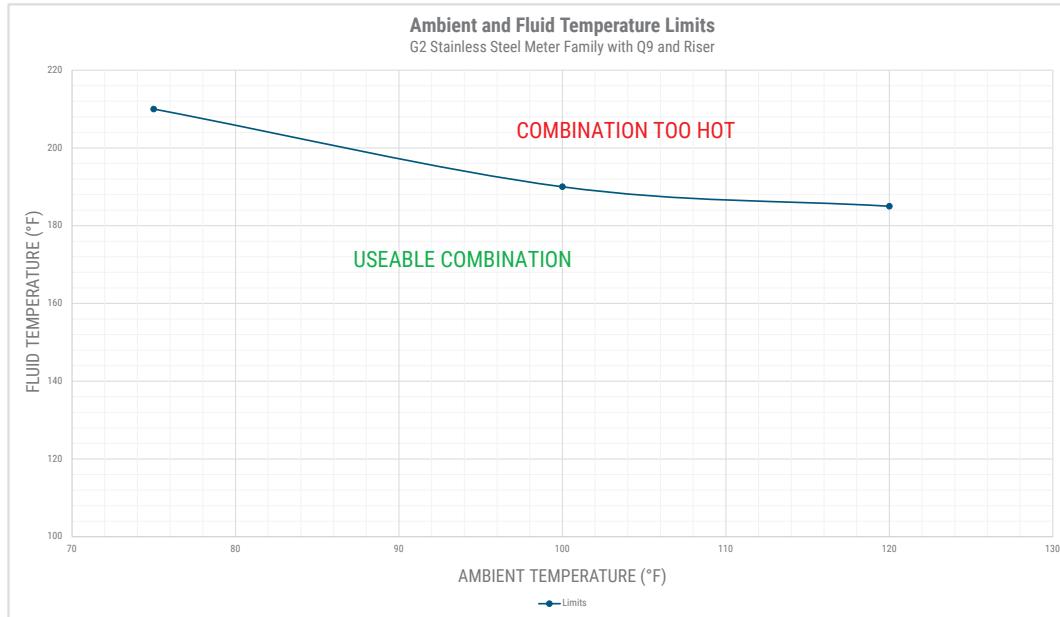
## SPECIFICATIONS

Fitting Type:	Tri-Clamp (Stainless Steel only) - Fitting size is one size bigger than meter size								
Type:	Turbine								
Tri-Clamp Fitting:	3/4"	1"	1 1/2"	2"	2 1/2"				
Corresponding Pipe Size:	1/2"	3/4"	1"	1 1/2"	2"				
Housing Material:	316 Stainless Steel								
Flow Range:	1/2" (05)	1 - 10 GPM			(3.8 - 38 L/min)				
	3/4" (07)	2 - 20 GPM			(7.6 - 76 L/min)				
	1" (10)	5 - 50 GPM			(19 - 190 L/min)				
	1 1/2" (15)	10 - 100 GPM			(38 - 380 L/min)				
	2" (20)	20 - 200 GPM			(76 - 760 L/min)				
Accuracy (% of Reading):	1/2" (05)	$\pm 1.5\%$							
	3/4" (07)	$\pm 1.0\%$							
	1" (10)	$\pm 1.0\%$							
	1 1/2" (15)	$\pm 0.75\%$							
	2" (20)	$\pm 0.75\%$							
Repeatability:	$\pm 0.1\%$								
Pressure Rating:									
Sanitary Flange 316 SS	Limited by fitting, clamp size, & temperature								
Operating Temperature Range:	0°F to 210°F (-18°C to 99°C)*								
Typical K-Factor:	1/2" (05)	2,500 PPG (660 Pulses/L)							
	3/4" (07)	1,100 PPG (291 Pulses/L)							
	1" (10)	565 PPG (149 Pulses/L)							
	1 1/2" (15)	215 PPG (57 Pulses/L)							
	2" (20)	100 PPG (26 Pulses/L)							
Wetted Materials:	Housing:	316 Stainless Steel or Aluminum							
	Bearings:	96% Alumina Oxide Ceramic							
	Shaft:	Tungsten Carbide							
	Rotor:	PVDF							
	Rings:	316 Stainless Steel							
Frequency Range:	1/2" (05)	42-420 Hz @ 1-10 GPM (3.8-38 L/min) / 45-450 Hz @ 1.2-12 GPM (4.5-45 L/min) (PVDF)							
	3/4" (07)	37-370 Hz @ 2-20 GPM (7.6-76 L/min)							
	1" (10)	47-470 Hz @ 5-50 GPM (19-190 L/min) / 45-475 Hz @ 5-50 GPM (19-190 L/min) (PVDF)							
	1 1/2" (15)	36-360 Hz @ 10-100 GPM (38-380 L/min)							
	2" (20)	33-330 Hz @ 20-200 GPM (76-760 L/min)							
Calibration Report:	Comes standard with G2 Series meters.								
	N.I.S.T. – Certification available.								

\*See Ambient and Fluid Temperature Limits graph on the operating temperature range. Shown on next page.

# G2 SERIES

## HIGH-TEMP BREW METER



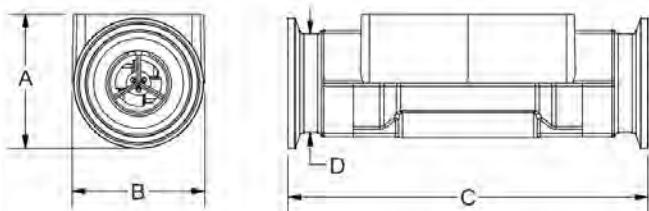
## DIMENSIONS

	1/2 in. (05)	3/4 in. (07)	1 in. (10)	1½ in. (15)	2 in. (20)
<b>A = Height</b>	1.4 in. (3.6 cm)	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)	2.6 in. (6.6 cm)	3.1 in. (7.9 cm)
<b>B = Width</b>	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)	2.0 in. (5.1 cm)	2.7 in. (6.9 cm)	3.4 in. (8.6 cm)
<b>C = Length</b>	5.0 in. (12.71 cm)	5.0 in. (12.71 cm)	5.5 in. (13.97 cm)	6.5 in. (16.51 cm)	7.0 in. (17.78 cm)
<b>D = Outside Dia.</b>	.75 in. (1.9 cm)	1.0 in. (2.54 cm)	1.5 in. (3.81 cm)	2.0 in. (5.08 cm)	2.5 in. (6.35 cm)
<b>Fitting/Clamp Size</b>	<b>3/4 in.</b>	<b>1 in.</b>	<b>1½ in.</b>	<b>2 in.</b>	<b>2½ in.</b>

Computer electronics add 0.7 in. (1.8 cm) to height of turbine.

*NOTE: For representation purpose only. Actual product models vary in shape, design, etc*

*Sanitary Flange dimensions not shown. For those dimensions, please refer to product manuals or our website GreatPlainsIndustries.com.*



## APPROVALS

CE NEMA 4

IP65