

# SANITARY CLAMP PRECISION METERS

G SERIES

## SPECIFICATIONS

<b>Design Type:</b>	Turbine	
<b>Housing Material:</b>	316 Stainless Steel	
<b>Meter Sizes Available (ID):</b>	1" 1-1/2" 2"	
<b>Meter ID:</b>	1"	1-1/2" Fitting
	1-1/2"	1-1/2" Fitting
	2"	2" Fitting
<b>Flow Range:</b>	1" (100)	6.7 - 67 GPM (25.2 - 252 LPM)
	1-1/2" (150)	17.7 - 177 GPM (67.0 - 670 LPM)
	2" (200)	33 - 330 GPM (125.0 - 1250 LPM)
<b>Accuracy (Linearity):</b>	± 0.5%	
<b>Repeatability:</b>	± 0.1%	
<b>Pressure Rating:</b>	Limited by fitting size, clamp size & temp.	
<b>Operating Temperature Range:</b>		
<b>For GSCPS:</b>	-100° F to +225° F (-74° C to +107° C)	
<b>SIP (up to 1 hour):</b>	+285° F (+140° C)	
<b>Typical K-Factor:</b>	1" (100)	896
	1-1/2" (150)	340
	2" (200)	181
<b>Wetted Materials (SIP):</b>		
<b>Housing:</b>	316 Stainless Steel	
<b>Sleeve Bearings:</b>	PEEK	
<b>Thrust Bearing:</b>	PEEK	
<b>Shaft:</b>	316 Stainless Steel	
<b>Rotor:</b>	CD4MCu Stainless Steel	
<b>Rotor Supports:</b>	316 Stainless Steel	
<b>Recommended Strainer Size:</b>		
	1"	40 mesh
	1-1/2"	18 mesh
	2"	14 mesh
<b>Frequency Output:</b>	1" (100)	100 - 1000 Hz
	1-1/2" (150)	100 - 1000 Hz
	2" (200)	100 - 1000 Hz

## APPROVALS

GSCPS & "L" Option Meters carry a



Sanitary Rating.

Flowmeters for milk and milk products, Number 28-04.



This meter meets the strict 3-A Sanitary Standards using the new "Third Party Verification" (TPV) program. Our methods of design, construction and traceability of components have been reviewed and approved.

The internals of this meter are machined or polished to meet 3-A self-draining and cleaning requirements (Ra 32). The GSCPS Meter meets Clean in Place (CIP), Steam in Place (SIP) and Clean Out of Place (COP) requirements.

## Model GSCPS Standard Sanitary Clamp



## Model GSCPS Low Profile Sanitary Clamp



For complete part number,  
see "Number Reference" chart on page 5.

**ACCURACY: ± 0.5%**

**GSCPS Stainless Steel  
Precision Turbine Meter**



**Select Your Meter Size:**

- 1 inch Meter with 1-1/2 inch Fitting
- 1-1/2 inch Meter with 1-1/2 inch Fitting
- 2 inch Meter with 2 inch Fitting