

SPECIFICATIONS

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

CIP

SIP

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