LIQUID LEVEL GAUGES

5700 BULK TANK GAUGE WITH 1/2" CONNECTIONS

17000 BULK TANK GAUGE WITH 1" CONNECTIONS

The 5700 and 17000 series gauges are armored liquid level gauges with NPT or flanged connections at each end. These gauges provide a visual means for checking the contents of a bulk tank. They can also be used to set and monitor the injection rate of a chemical metering pump. The gauges operate in low to medium pressure applications up to 500 psig.

5700 Bulk Tank Gauge with Optional Flange Connection

5700 AND 17000 SERIES GAUGE SPECIFICATIONS

The armored design of the gauge offers maximum protection for the sight tube from mechanical impact. Three sides of the gauge are protected with a metal frame, while the face of the gauge is protected with an impact resistant polycarbonate shield. This shield can be custom calibrated to read tank volume or any other desired calibration. Please see page 12 for standard shield calibration options. A wide variety of wetted materials and seals are available to ensure compatibility with whatever fluid is being used. For mounting purposes, a mounting lug is welded to the back of the gauge.

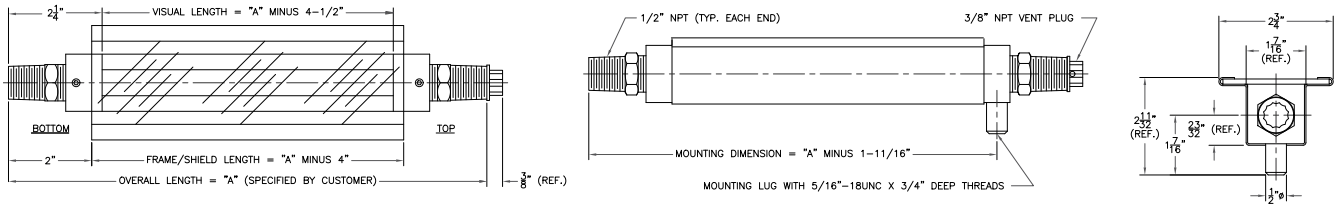
The 5700 series has 1/2" MNPT x 3/8" FNPT threaded process connections. 1/2" to 2" flanged process connections are also available. The standard sight tube is 5/8" O.D. glass. Other sight tube options are also available upon request.

The 17000 gauge is fitted with 1" MNPT process connections (flanged process connections are also available). The standard sight tube is 1" O.D. glass, which makes it ideal for viscous liquids.

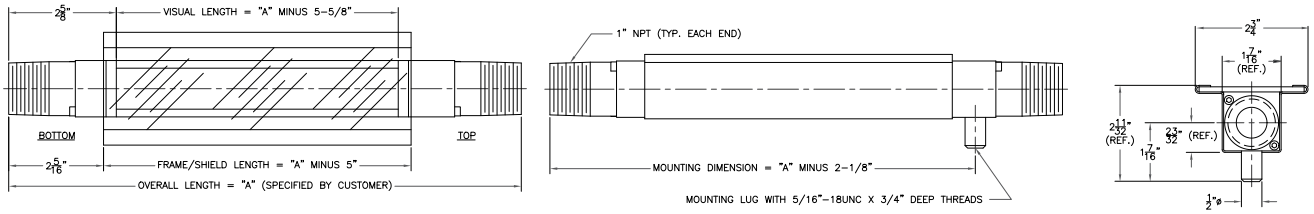
SPECIAL GAUGE APPLICATION - CHEMICAL INJECTION SYSTEMS

5700 and 17000 gauges are used to calibrate chemical injection systems. The injection rate of a chemical metering pump is checked by closing a valve between the gauge and the chemical storage tank and observing the change in fluid height in one minute. Using the rate scale on the front of the polycarbonate shield, count the number of marks the fluid level passed during the one minute test period. This will give you the actual chemical pump rate. If the rate is not the one desired, make an adjustment to the chemical pump feed rate, and conduct as many one minute tests as is necessary to set the chemical pump to the rate desired. If a higher pump rate is required, the test period can be shortened to 30 seconds or 15 seconds.

5700 BULK TANK GAUGE



17000 BULK TANK GAUGE



ORDERING SYSTEM
5700 & 17000 Series Level Gauges

REQUESTED BY: _____ COMPANY: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ FAX: _____ EMAIL : _____

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Gauge Style	**Flange Option**	**Overall Length of Gauge (Inches)**	**Material of Construction**	**Seal Material**
5700=Gauge w/ 1/2" MNPT Connections 17000=Gauge w/ 1" MNPT Connections	N=None (Leave Blank) FL50=1/2" Flange FL75=3/4" Flange FL1.0=1" Flange FL1.5=1 1/2" Flange FL2.0=2" Flange		C=Zinc Plated Carbon Steel A=Stainless Steel W=316 Stainless Steel Wetted Parts w/Carbon Steel Frame PC=PVC Wetted Parts w/Carbon Steel Frame PS=PVC Wetted Parts w/ Stainless Steel Frame Other (Please Specify) • **For Flanged Models, Select Options C, A, PC, or PS only**	V=Fluorocarbon A=Aflas B=Buna-N T=(5700) PTFE (17000) FEP Encapsulated Silicone E=Ethylene Propylene

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Shield Options*	**Sight Tube Options****	**Maximum Working Pressure (PSIG)**	**Maximum Operating Temperature (°F)**	**Steam**
L=Clear Polycarbonate H=Height Scale RH=Rate Height Scale MH=Metric Height Scale MRH=Metric Rate Height Scale M=Expanded Metal	GS=5/8" O.D. Glass (5700) 1" O.D. Glass (17000) RL=5/8" O.D. Redline Glass (5700) 1" O.D.Redline Glass (17000)			S=Steam Application NS=Non-Steam Application

• Example Order Number: 5700-52-C-V-H-GS-ATM-200-NS

* See page 12 for shield descriptions

** Based on application data provided, KENCO will select the appropriate sight tube material, i.e. high pressure glass.