

# Hand Pump Bubbler Gauge



## 5992S SERIES

- Remote reading volume, depth or weight
- Accurate, reliable, proven technique
- Low cost installation, easy to maintain
- All pneumatic (non-electrical) operation
- Provides on-demand indication (not continuous monitoring) for short and medium height tanks
- Uses an integral hand pump to pressurize and purge the liquid from the downpipe
- Simply pump the gauge to quickly get indication of current tank level
- Can be positioned up to 100 feet from the tank, indoors or outside

### APPLICATIONS

- Tank level indication
- Marine
  - Tank level, draft monitoring and vessel management
  - Ballast water
  - Fuel oil
  - Fresh water
  - Lube oil
  - Brine
  - Preload
  - Holding

### SPECIFICATIONS

Operation principle	Well-type manometer acts as a frictionless hydrostatic force-balance. A liquid fill is raised in direct proportion to the magnitude of pressure applied. (Varies based on type of indicating liquid employed)	
Resolution	Infinite based on type of indicating liquid employed.	
Input connection(s)	1/4" NPT tapped connection for typical tube fittings. Accepts pneumatic air/gas pressure input; high and low pressure inputs.	
Materials of construction	Formed channel indicator housing; brushed Stainless Steel (Type 304). Heavy plate glass window; acrylic plastic window available as special order.	
Wetted parts	316 Stainless Steel liquid well and tubing	
Indicating tube	High strength, fully annealed glass (Pryex®)	
Scale ranges	20", 35", 43", 51", 66"	
Dimensions (inches)	Range	Overall Dim. (H x W x D)
	20	29" x 4-3/8" x 2-7/8"
	35	45" x 4-3/8" x 2-7/8"
	43	53" x 4-3/8" x 2-7/8"
	51	61" x 4-3/8" x 2-7/8"
	66	77" x 4-3/8" x 2-7/8"

\* Unregulated

\*\* ®Pyrex is a registered trademark of Corning, Inc.

## ORDERING INFORMATION

<b>SERIES</b>	5992S Hand Pump Bubbler Gauge
<b>SCALES*</b>	20 Stainless Steel case, 20" scale, 1 unit 35 Stainless Steel case, 35" scale, 1 unit 43 Stainless Steel case, 43" scale, 1 unit
<b>LIQUID**</b>	R Red liquid

\* 2-unit scale available, consult factory.

\*\* Red Liquid 2.94 sp. gr.; scale factor = 0.337

**NOTE:** Scale information must be supplied when order is placed. Package includes overflow check valve and Swagelok fitting (3/8" tube x 1/4 NPT) compatible with copper or poly tubing.

## EXAMPLE

Series ..... 5992S Series  
 Scale ..... Stainless Steel case, 35" scale, 1 unit  
 Liquid ..... Red liquid

5992S - 35 R

