

## **Foxboro**

Foxboro's vortex meters are called the 83 Series. These flowmeters are available in sizes from ¾inch to 12 inches. Stated accuracy is 0.5 percent for liquids and 1.0 percent for gas and steam. The 83 Series flowmeters are available in wafer, flanged, or sanitary designs.

The 83-Series flowmeters are available as part of the I/A family of instruments. The I/A Series Flanged flowmeters are called I/A Series 83F-D and 83F-T. The I/A Series Wafer flowmeters are called I/A Series 83W-F and 83W-T. The 'D' Series meters have Foxboro's proprietary protocol 'FoxCom,' while the 'T' Series meters have HART.

Sanitary models are also available as Series 83S and 83S-A.

**Figure 3-5**  
**Foxboro Vortex Flowmeters**

**Photo 3-11 83 Series**



**Table 3-9  
Foxboro Vortex Flowmeters**

<b>Product Name</b>	<b>83 Series</b>
<b>Applications</b>	<b>In-line Liquids, gases or steam Molten sulfur, high-pressure hydrogen, chlorine, milk, beer</b>
<b>Diameter Range, in</b>	<b>0.75-12</b>
<b>Connection Type</b>	<b>Flange, wafer or sanitary</b>
<b>Flow Range</b>	
<b>Temp Range, F</b>	<b>To 800</b>
<b>Pressure Range, bar</b>	
<b>Approvals</b>	
<b>Materials</b>	<b>Stainless steel or Hastelloy C</b>
<b>Comments</b>	<p><b>I/A Series Flanged: 83F-D (FoxCom) and 83F-T (HART)</b></p> <p><b>I/A Series Wafer: 83W-D (FoxCom) and 83 W-T (HART)</b></p> <p><b>Sanitary versions: 83-S and 83S-A</b></p> <p><b>Optional isolation manifold 4-20 mA or pulse</b></p>