



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

# SENTRY COBRA DT SAMPLER

## Low Emission Samplers

### MANUAL SAMPLING

The Sentry® Cobra DT closed loop sampler is designed to perform a detector tube measurement as safely, quickly and efficiently as possible. The Cobra DT sampler is designed with safety in mind, with a high-pressure regulator providing operators with a means to lower pressure to a safe level before inserting the detector tube. The 1000 cc cylinder allows a large volume of gas to be chambered so the operator can draw a fresh sample through the detector tube allowing a representative measurement to be collected.

### MODEL

Cobra DT

### BENEFITS

The key challenges in securing an accurate, representative sample are addressed while making the process itself simpler for the operator. Our unique Teflon® detector tube fitting makes it easy to insert detector tubes and obtain a representative spot measurement. The sampler is ideally suited for use in the petrochemical, natural gas, and specialty gas industries.

### FEATURES

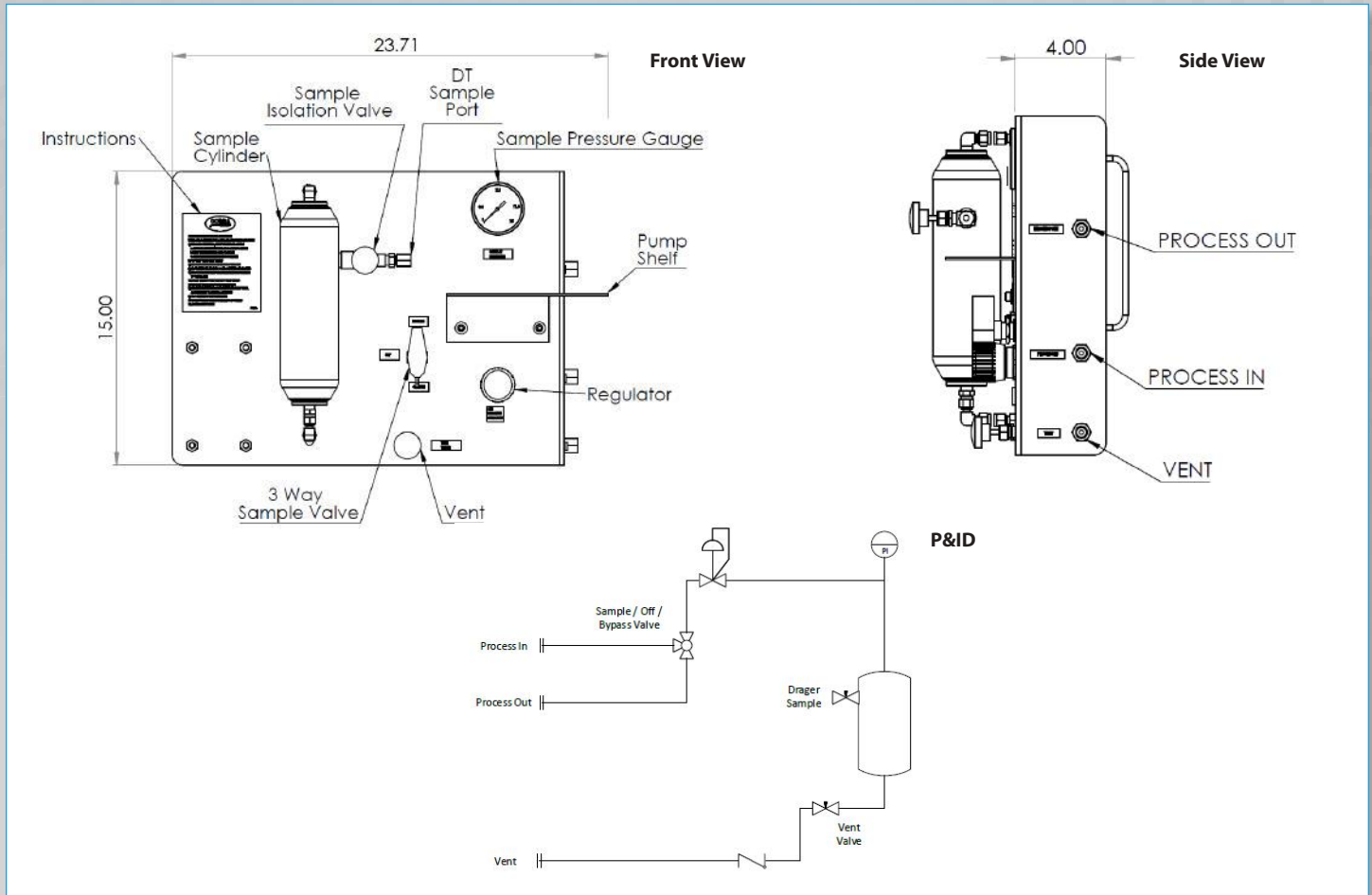
- Unique Teflon detector tube insert protects operator during sampling process
- High-pressure regulator and pressure gauge allow operator to regulate pressure to safe range prior to sampling
- Large volume chamber provides ample volume during draw through detector tube
- Step-by-step instruction tag and valve labels for simple operation
- Side connections are labeled for ease of installation
- For gas applications, including toxic gases measured with detector tube



Sample. Monitor. Measure.

# SENTRY

Any Application. Anywhere.



### SPECIFICATIONS

<b>wetted materials</b>	body: 316 stainless steel (Alloy 400 and other materials available upon request) O-rings: Viton® or Kalrez®
<b>process pressure range</b>	0-3000 psi
<b>process temperature</b>	<140°F; cooler required for temps >140°F
<b>sampler interface</b>	1/4 in NPT (compression fitting available upon request)
<b>vent connection</b>	1/4 in NPT (compression fitting available upon request)
<b>sample cylinder</b>	300 cc, 500 cc, or 1000 cc
<b>options</b>	pipe stand (2 in); dual pipe stand for mounting cooler; enclosure process isolation valves (inlet and/or return) sample pump return to vent (flare; emission filter)



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