



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

SENTRY FV SAMPLER

Low Emission Samplers

MANUAL SAMPLING

The Sentry FV sampler allows an operator to safely and efficiently collect a fixed volume of high-pressure liquids. The FV sampler is specifically designed to ensure a high quality fixed volume sample through the simplest and most reliable process possible. The sample valve allows each sample to be extracted quickly and easily then simultaneously purging the assembly with nitrogen.

MODEL

FV

BENEFITS

The FV sampler offers the greatest level of reliability and ease of use. Each unit uses the -designed sampling valve. A variety of accessories are available so that the sampler can be customized to suit the specific requirements of the application.

FEATURES

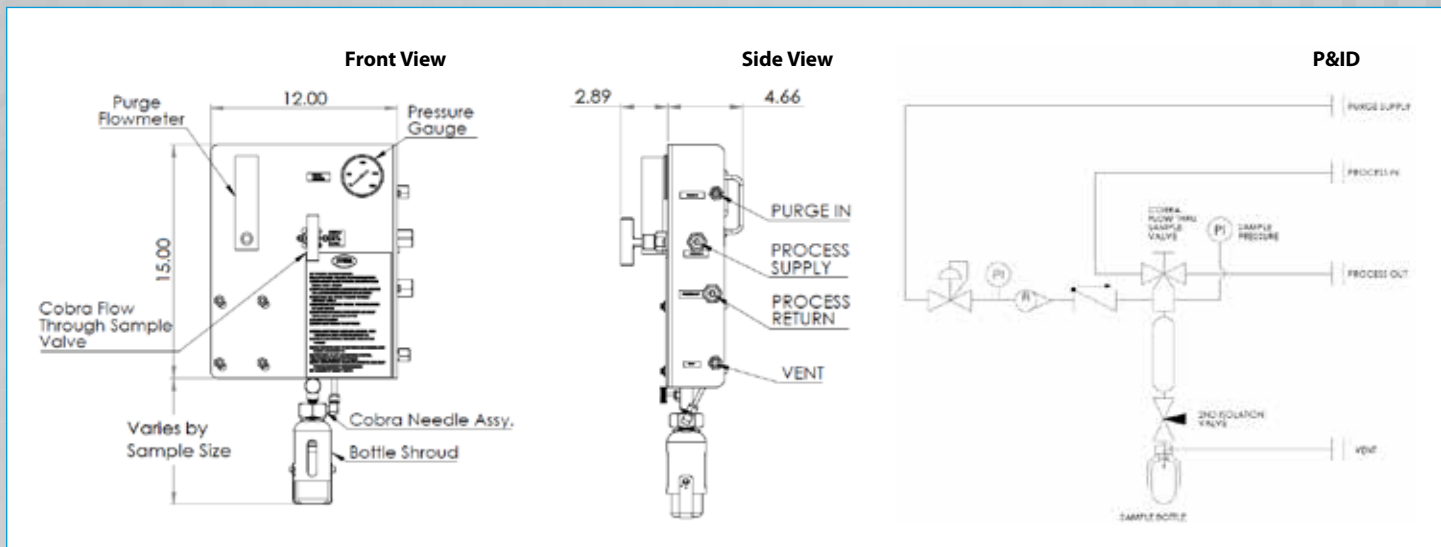
- Compliant with all EPA and LDAR requirements
- Fixed volume chamber allows safe sampling of high-pressure liquids
- flow-through valve allows constant representative process flow, allowing immediate sampling
- Easy to operate and safe for the environment
- Step-by-step instruction tag and valve labels for simple operation
- Side connections are labeled for ease of installation
- Standard units come with our unique coaxial needle system which prevents bent and broken needles
- Process sampling of low vapor pressure liquids (<14 psiA)



Sample. Monitor. Measure.

SENTRY

Any Application. Anywhere.



SPECIFICATIONS

| | |
|-------------------------------|---|
| wetted materials | body: 316 stainless steel (other materials available upon request) Seals: FKM, FFKM, PTFE, PEEK (other materials available upon request) |
| bottle shroud | Acetal or stainless steel |
| process pressure range | 0-1800 psi |
| process temperature | <140°F; cooler required for temps >140°F |
| sampler interface | 1/2 in NPT (1/2 in NPT or compression fitting available upon request) |
| vent connection | 1/4 in NPT (1/4 compression fitting available upon request) |
| purge connection | 1/4 in NPT (1/4 compression fitting available upon request) |
| bottle size | 2 oz Boston round 4 oz Boston round 8 oz Boston round 16 oz Boston round 32 oz Boston round |
| options | pipe stand (2 in) enclosure process isolation valves (inlet and/or return) emissions filter on vent |

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