

Product: Pressure Isolating Bottle Sampling System (PIBSS)

Application: High Pressure Liquid Hydrocarbons



Extracting hazardous liquids from high-pressure processes can be very dangerous especially if the process contains gases that are toxic to human beings. A 1000 cc of gas at 500 psig is almost 35,000 cc of gas at atmospheric pressure. This means that the technique for retrieving these types of samples is critical to collecting the sample safely and reliably. Relatively low ppm levels concentrated in a small volume can expand to a volume that could easily overcome the operator grabbing the samples from the process.

This version of the **PIBSS** is rated to 2400 psig and 200°F and features a high pressure ISO valve with a spring return handle. Even at these very high pressures, it is possible to retrieve safe and reliable samples suitable for lab analysis. All **SENSOR** Sampling Systems can be supplied in typical materials such as, 316SS, Monel® and Hastelloy®. A variety of elastomers and packing/seal material can be used depending on what is required of the application.

