

PDSS Sampler



Description

The Positive Displacement Slimline Sampler (PDSS) provide a method of capturing a representative well fluid sample for retrieval and analysis on surface. The PDSS system provides a positive displacement method to capture, transfer without using mercury, transfer on location and transfer to transportable sample bottles. Confirmation of sample capture and sample validation can be performed before the sample is transferred.

The positive displacement design of the sampler is achieved by pressuring a buffer fluid prior to running the tool. When the sampler is activated, the well fluid pressure displaces the buffer fluid at a predetermined rate which consideration to well temperature and pressure characteristics. When the sampling process is completed, the chamber is automatically sealed and locked.

The PDSS system is field proven with a rugged design and have been used in the harshest of conditions. The samplers can be run on slick line, electric line, and in tubing conveyed sample carriers. The PDSS samplers are used in the FB Bundle Sample Carrier and can be combined with pressure temperature gauges in a single carrier. Actuation of sampler can be by time, pressure or electric signal.

Samplers chambers with ceramic coating available for severe corrosive environments.

Operating Specification

NOMINAL TOOL SIZE	OD	1-3/16 in.
	Length	12.75 ft. / 15.25 ft.
	Weight	66 lbs. / 68 lbs.
VOLUME	Top	300 cc
	Bottom	3-1/2 in. I.F. Box
TEMPERATURE RATING	Standard	360 °F
	Optional	400 °F
PRESSURE RATING	Standard W.P.	15,000 psi
	Optional W.P.	20,000 psi
SERVICE		H2S, CO2, Acid

