

Single-phase Non-Corrosive Sample bottle - 25K

A single-phase sample bottle is a unique system for monophasic PVT sample transportation, keeping the sample at reservoir pressure or above, all the way to the laboratory. A large mass profiled agitation ring is used to agitate the sample during bubble point determination.

The valves are incorporated in the end caps, and the non-rotating valve tip allows repeatable low torque high pressure sealing. Petrotech also offers a non-corrosive version of Single Phase Sample Bottle. This bottle is designed for extreme conditions and allows analyses of chemical components such as H₂S, mercaptans and mercury.

Features:

Non-Corrosive Service

The bottle is manufactured in a high quality material which is resistant to high H₂S and chloride concentrations

Positive displacement operation

By use of a "floating piston", samples can be transferred to the bottle without flashing

Mercury free operation

No mercury is needed to operate the bottle

Single-Phase

For asphaltene, bacteria, pH and corrosion studies

Benefits:

Single-phase sample transportation

Minimal dead volume

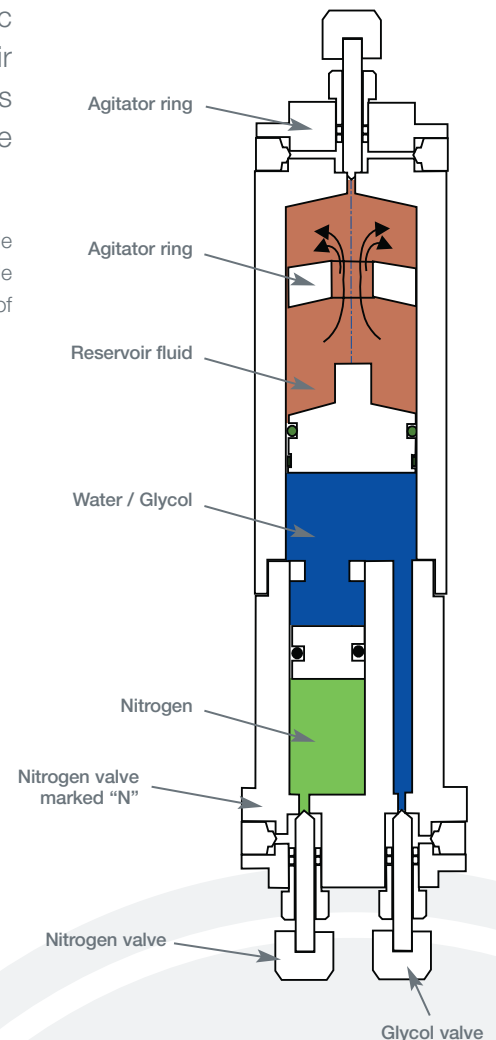
Safe operation

Applications:

Single phase reservoir sampling has widely been accepted as the industry standard for reservoir PVT sampling, asphaltene analysis and Water studies, ie pH measurement. In addition the sampler may also have applications in Gas condensate fields where it is particularly important to obtain samples above dewpoint.

Technical Specifications:

Sample capacity	600 cc
Working pressure	1720 barg
Working Temperature	200°C
Weight	23 kg
Length	750 mm
Maximum OD	100 mm
Material	Inconel
Test pressure	2750 barg
Design code	ASME VIII Div. 2
Certified by	DNV
Connection	1/4" AE HP F250C



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