

EZ BHS

HT
HP

PVT Mono-phase Bottom Hole Sampler with no transfer at surface

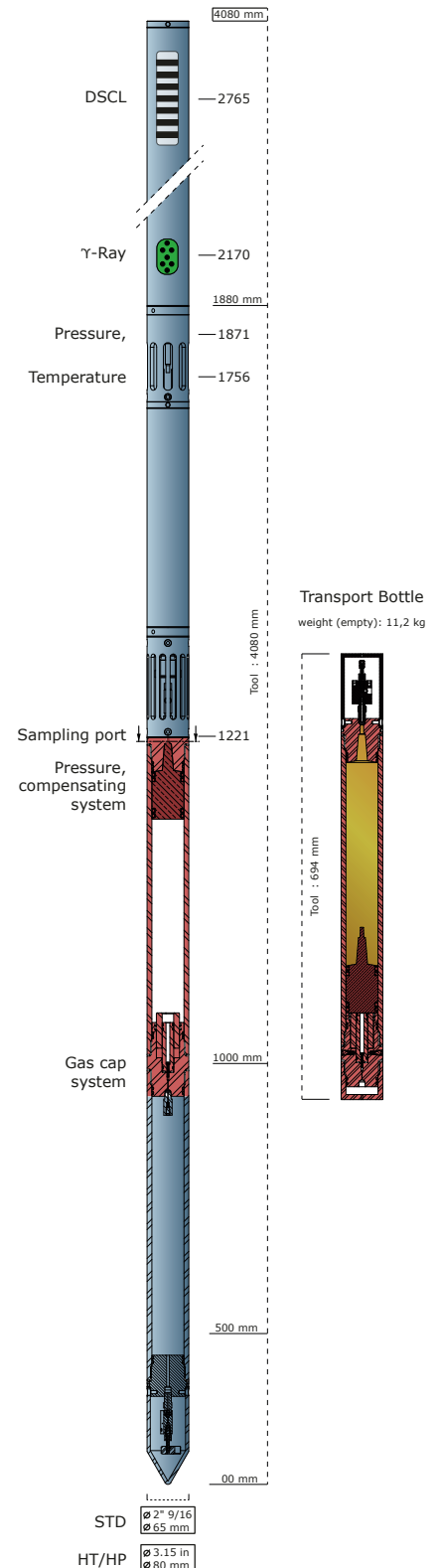
OPERATING PRINCIPLE:

Run on E-line, the EZ BHS is the safest patented sampler tool available nowadays. It allows to retrieve mono-phase downhole fluid samples under state of the art PVT considerations. The oil-filled pressure compensation system keeps the system under state of the art PVT considerations from reservoir to surface, thanks to a combined dedicated piston and regulator that ensure controlled sampling rate.

A dedicated telemetry with GR-CCL allows precise depth correlation and is complemented by quartz pressure and temperature sensors to ensure complete PVT data of the sample.

Back on surface, each sampling chamber becomes a transportation bottle, hence saving operational time and avoiding any data and material losses due to the delicate transfer at surface. The unique Gas-Cap-safety system allows to relieve the pressure applied on the sample for transportation, leaving the sample composition unaffected.

EZ BHS is the only sampling tool that allows lab to analyze the sample in the exact same composition and conditions it was retrieved downhole.



APPL ICAT IONS

- / Drill Stem Testing
- / Geothermal wells
- / Bubble point Identification
- / Single-phase sampling
- / Reservoir characterization

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- / No transfer at Surface
- / PVT Mono-phase Conditions ensured until the lab
- / Unique Gas-cap system
- / 600cm³ of confirmed sample volume
- / Stackable chambers
- / Safe and reliable

SPECIFICATIONS:

	1 chamber		3 chambers	
	imperial	metric	imperial	metric
Max OD [HT/HP]	2.56" [3.15"]	65 mm [80 mm]	2.56" [3.15"]	65 mm [80 mm]
Length	10.9 ft	3,33 m	19.7 ft	6,81 m
Weight	79.4 lbs	36 kg	195 lbs	89 kg
Temperature [HT/HP]	300 °F [400 °F]	150 °C [200 °C]	300 °F [400 °F]	150 °C [200 °C]
Pressure [HT/HP]	4.3 kpsi [8.7 kpsi]	300 bar [600 bar]	4.3 kpsi [8.7 kpsi]	300 bar [600 bar]
Chamber Volume	36.6 in ³	600 cm ³	36.6 in ³	600 cm ³
Material [HT/HP]	Stainless Steel 316L [17-4PH]			

Sensors

Depth Correlation		GR - DSCL
Pressure	Quartzdyne, DHB 10K 200°C 1/2	Accuracy 0,015% FS Resolution < 0.008 psi/sec Repeatability < 0.01 % FS
Temperature	PT-100	Range 0 - 200°C Accuracy 0,05% FS Precision 0.01%FS

* HT/HP Version under development

HOW IT WORKS:

