

# Xtra – High Pressure PVT Sample Bottle

## Features

The **Xtra** series of bottles all share the basic piston type design and are rated to 1000 bar and 200°C.

The **Xtra** sample bottle is a mercury free piston type bottle ideal for transport of high pressure PVT oil and gas samples. It can be used for well head, separator, and bottom hole sampling. Built-in valves ensure no damage should the bottle be accidentally dropped.

The Single-Phase version – **XtraSP** – is designed with an interchangeable nitrogen chamber which prevents sample pressure reduction during cooling.

When analysing for trace concentrations of mercury and H<sub>2</sub>S in oil and gas is critical, Xtrace manufactured in Inconel is ideal for this application.



## Applications

- Storage and transportation of high pressure hydrocarbon samples
- PVT studies
- Bottom hole, well head and separator sampling
- Water samples for ion analysis, water resistivity and water injector well tracer analysis
- Sample for geochemical analysis from different zones for production allocation
- Single phase – organic scale studies (solids deposition of asphaltenes, resins, waxes)
- Single phase – near critical reservoir fluids
- Storage of sample containing critical trace chemicals

## Benefits

- Simple to use
- Built-in valves
- Compact and half the weight of competitors Equivalent bottle (reduced transport costs)
- Single phase – pressure compensation without phase change
- Mercury free

Specifications	XTRA	XTRASP
Maximum working pressure	1000 bar	
Maximum working temperature	200°C	
Sample volume	0.6 litres	
O.D.	75mm	
Size	540 mm	652 mm
Weight empty	12.5 kg	17.5 kg
Weight boxed	14 kg	20 kg
Valves	1/4" AE MP Female	
Material	17/4-PH stainless steel	
Service	Sour	
Certification	TPED 2010/35/EU	