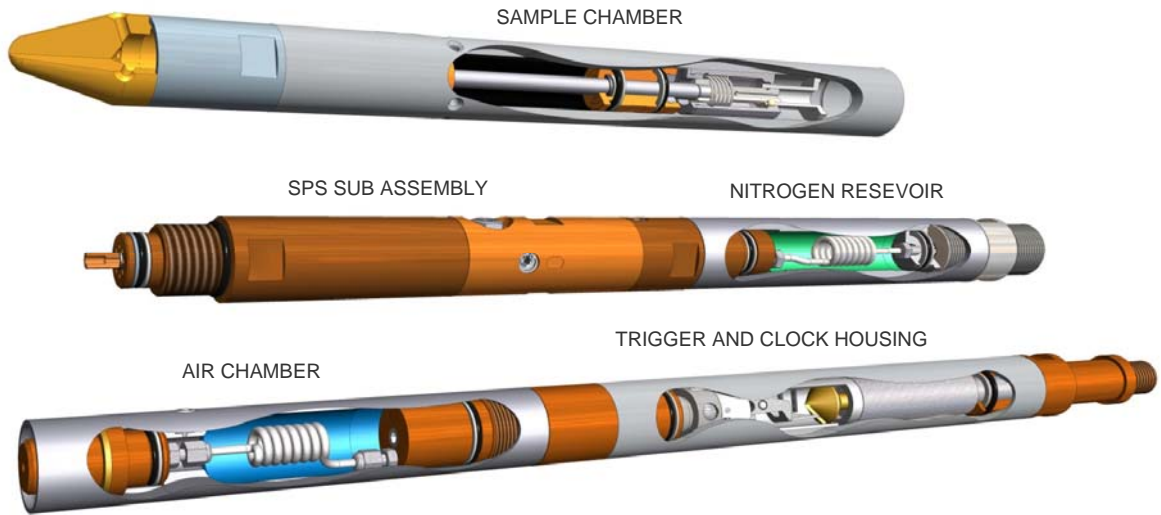


MK II PDS SPS Single Phase Sampler, Coated.

MK II PDS SPS Single Phase Coated Sampler



The P.D.S. S.P.S. MK II Downhole coated Sampler is a device for taking in-situ reservoir samples. The purpose of the Downhole coated Sampler is to meet specific market requirements as well as to provide a high quality representative sample which is maintained in single phase (using nitrogen gas). Subsequent PVT analysis of a sample can provide data vital for economic and technical evaluation of a reservoir. The Downhole coated Sampler can either be Tech 12 coated, Dursan coated or Silconert 2000 coated. Both Dursan and silconert 2000 coatings have been designed to offer highly inert, hardness and superior corrosion resistant of stainless steel and durability in most harshest environments and consistently produce representative samples regardless of the fluid or conditions.

Main Features & Applications

- Suitable for sampling of sulphur, H₂S (within NACE material limits), mercaptan, ammonia, mercury, CO₂ and high G.O.R. wells
- Suitable for all formation fluids including near critical fluid and formation water.
- Also suitable for sampling of organic scale (Asphaltenes, Resins, Waxes)
- Dursan is the preferred coating for low level H₂S studies.
- Silconert 2000 stable inert surface prevents adsorption of active compounds like mercury and ensures accurate sampling.
- Rugged construction with minimal components
- Superior wear resistance and durability under extreme conditions
- Reduces the overall system maintenance cost and sampling reliability
- Suitable for fast redress ability
- Lloyd's Register Design Approval

Type	
Part Number	Tech 12-586600.SP.0.0000CT12 Dursan - TBC Silconert 2000 - TBC
Net volume	600 cc (20 fl oz) Sample 450 cc (15 fl oz) Nitrogen
M.A.W.P	1035 bar @ 180°C (15,000 psi @ 356°F)
Material	17-4 PH St. Stl. (AISI 630), Aluminium Bronze CA104. All conform to N.A.C.E. MR0175 latest review.
Net weight	34 kg (75lb)
Dimensions	Diameter: 43 mm (1.7 in) Length: 5,054 mm (199 in)

Documentation & Design	
Standard	Hydrostatic Pressure Test Certificate (Sample Chamber) Function Test Certificate
Option	Material certificate: EN 10204 Type 3.1 for pressure retaining parts Certificate of conformity on external wetted parts Letter of conformity User Manual Transportation Box available
Code	Generally to PD 5500 Code Lloyds Register Design Approval