

Well Flow Management

Fluids Sampling and Analysis

Bottom Hole Services

Expro Petrotech PCS bottom hole sample transfer unit enables sample transfer and preparation of sampling tools. Transfer into either single or dual phase positive displacements cylinders is achieved rapidly and without the requirement of sample recombination, thereby reducing the possibility of errors.

The unit is pneumatically powered to operate the synthetic oil and glycol pumps. A nitrogen booster is used to pre-charge the sampler prior to operation. If required the unit can also be used to provide accurate bubble point determination on selected samples.

Applications

Designed to be used with all Petrotech bottom hole sampling equipment and other high pressure sampling applications such as wellhead sampling and sample transfers from MDT, RCI, RDT, FMT type tools.

Features

Individual Hose and pumps

- All displacement fluids are fed by their own individual pumps and fluid lines thereby eliminating the possibility of contamination. The operation is completely mercury-free.

Bubble point determination

- The combination of a calibrated dial test gauge, the fixed volume 2 cc cell and sample agitation enables accurate bubble point determination.

Leak Testing

- Prior to transfer, the sample bottle and transfer line are leak tested with nitrogen, followed by evacuation, by use of the Sample Transfer Unit.

Portability

- The Expro Petrotech transfer unit is designed to be easily disassembled for ease of transport by plane, thereby enabling rapid mobilisation world-wide.

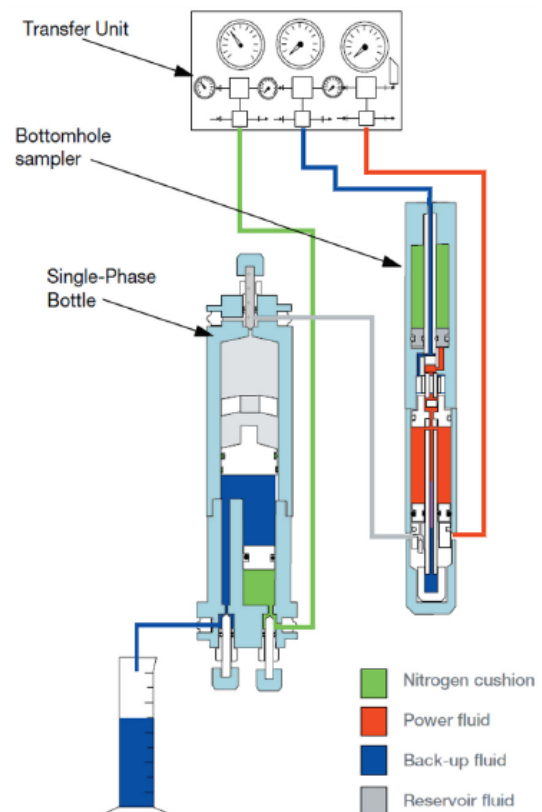
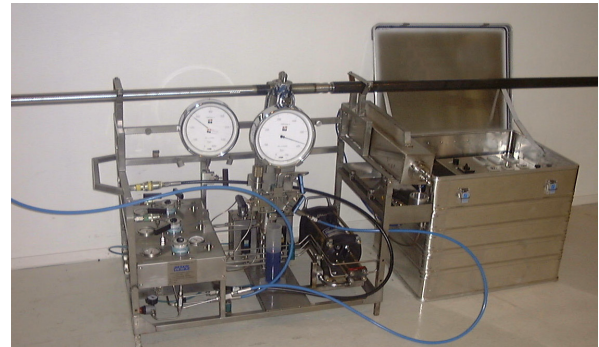
Benefits

Fast Sample Transfer

- As no recombination is required, sample transfers can be performed in the minimum of time and with no reduction in sample quality.

Safety

- Efficient ergonomic design has contributed to the fact that Petrotech has had no lost time or serious incidents throughout the many years of operation of the transfer unit.





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Specifications	
Working pressure	20,000 PSI / 1,379 barg
Weight	200 lbs / 90 kg
Length	40.2" / 1020 mm
Width	23.6" / 600 mm
Height	29.1" / 740 mm
Material	SS316
Test pressure	22,000 PSI / 1500 barg
Air Supply	90-150 PSI / 6-10 barg