
Xfer - Sample transfer unit

Safely transfer downhole samples to PVT bottle



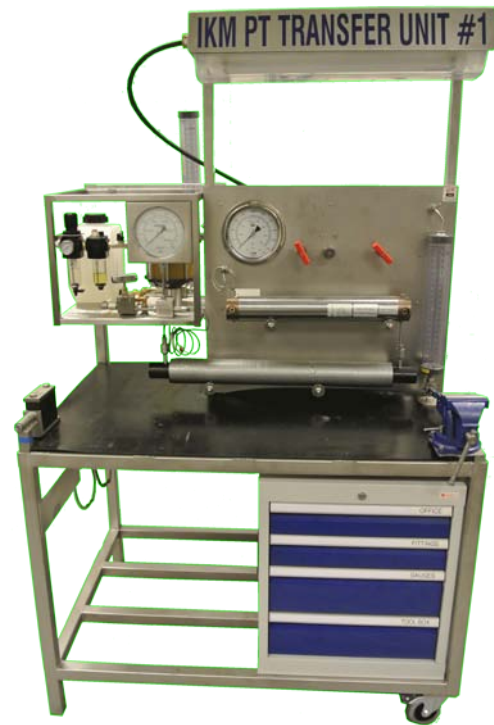
Xfer - Sample transfer unit

Safe transfer reservoir fluids from a downhole sampling chamber to a PVT sample bottle while ensuring the sample remains representative of the reservoir.

The main criteria for the development of the transfer unit were:

- Safety
- Performance
- Efficiency

The sample transfer unit design incorporates 1000 bar lines, fittings and pumps, lightning directly over the work area, Ex heating for sample chambers, tools box, chemical box and bench with interchangeable vice and bottle stands. All built in stainless steel and compact euro pallet size.



Applications

- Transfer of well fluids from downhole tools to Xtra PVT sample bottles.

Benefits

- Portable compact unit that requires little rigging up time.
- Can heat 4 sample chambers at once to increase efficiency.
- Increased safety for the operator.



4 chamber Ex heater



Preparation

Xfer unit requires little rig-up time it only requires power for light and heating and compressed air for the transfer pump.

Operation

Heating of 4 sample chambers at same time.

The Xtra PVT sample bottle and sample chamber are placed next to each other and connected to the Xfer unit.

The sample is then transferred into the Xtra PVT sample bottle.

Safety

- Closed system - removing operator exposure to high pressure restriction fluid when draining from Xtra PVT sample bottle.
- Good lighting over work area.
- All valves, pressure gauges and measurement tanks are easily visible and accessible.
- At correct working height.
- Solid construction.

Specifications

Maximum working pressure : 1000 bar
Compact : 120 x 80 x 160cm
H₂S service

Our Services

Reservoir fluid analysis

- PVT
- Chemical composition
- Trace elements
- Corrosion
- Laboratory chemists - rental

Sample bottle rental

- PVT - High pressure downhole samples
- PVT-Surface samples
- Flow assurance - large volume
- Long term storage

Reservoir fluid sampling

- PVT - Separator and wellhead
- Isokinetic
- Downhole - cased and open
- Single phase
- Mini phase-separator
- High pressure sample transfer

Workshop services

- High pressure equipment maintenance
- Pressure testing
- Fittings training
- Sample bottle recertification and maintenance

Production Surveillance

- Memory gauge
- Leak monitoring - annulus and tubing
- Wireless Surface data acquisition - pressure, temperature and flow

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