

Subsea Sampling Skid – Diver/ROV Operated

FEATURE HIGHLIGHTS:

Subsea Sampling Skid Overview

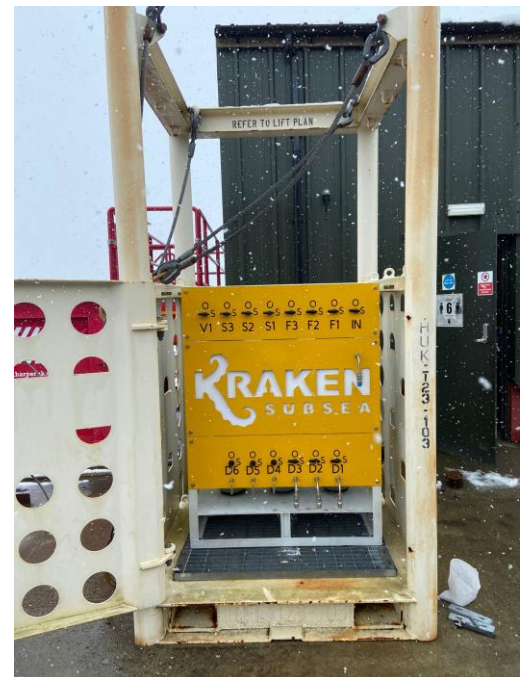
Kraken’s engineering team has designed and built our Subsea Sampling Skid designed to capture representative fluid samples from a subsea system. The sampling cylinders are certified for transportation directly to a fluid analysis laboratory without the requirement for fluid transfer at surface (TPED-Transportable Pressure Equipment Directive 2010/35/EU). The system is modular allowing for system to be set up in any client required configuration. The Skid can be deployed to seabed from a support vessel, allowing a diver or ROV to sample from subsea assets such as Trees and Manifolds.

Modular Design

Kraken’s Subsea Sampling Skid has been designed to be modular. This allows the system to be set up in accordance with our clients needs. The system can be configured to take from 1 to 8 samples during a single deployment. Additionally, the system comes with 3 larger flushing cylinders to allow the system to draw in fluid (30 litres) to clear the hoses, connection points etc. ensuring you get a representative sample.

Key Benefits

The system is simple to use and operate. It consists of a closed system, designed with no discharge to sea. Flushing cylinders allow for large volumes to be captured to remove any contamination prior to samples being taken.



TECHNICAL SPECIFICATIONS:

Design Pressure	250 bar (3,600 psi) in standard configuration, 1380 bar (20k psi) on request	
Certification	Transportable Pressure Equipment Directive Compliant for sampling cylinders	
Sample Cylinders	1 to 8	100 ml to 500 ml
Flushing Cylinders	3 off	30 Liters Each
Water Depth Rating	2,000m in standard configuration, 4,000 on required	
Interface	Hose connection with most fittings’ adaptors available or 1” Hotstab connection. Additional options can be supplied upon request	
Dimensions (L x W x H)	1175 x 1500 x 3010 mm	
Analysis	Portable handheld Oil in Water analyzer with an integrated probe to measure oil directly in water samples can also be supplied upon request	