



## Back Seal Test Unit

### Pipeline pressure testing system

The BSTU provides a controllable pressure between 7 and 210bar to be applied via the pressure out connection. The pressure developed is monitored by a transducer which may be connected to the subsea control unit if required, and also an analogue subsea gauge. The applied pressure may be switched off / locked in by means of the ram operated ball valve.

All the components are mounted on an aluminium base plate which should be secured to the host vehicle structure in an accessible location. There are no specific spatial orientation requirements. Hydraulic connections are 1/4" Swagelok male thread. The ram is operated by an ROV spare bi-directional function (210bar max). The supply pressure may be acquired anywhere suitable from the host vehicle circuit (210bar max). The drain line should be connected as directly as possible to the ROV return circuit to minimise return line losses.

#### Applications

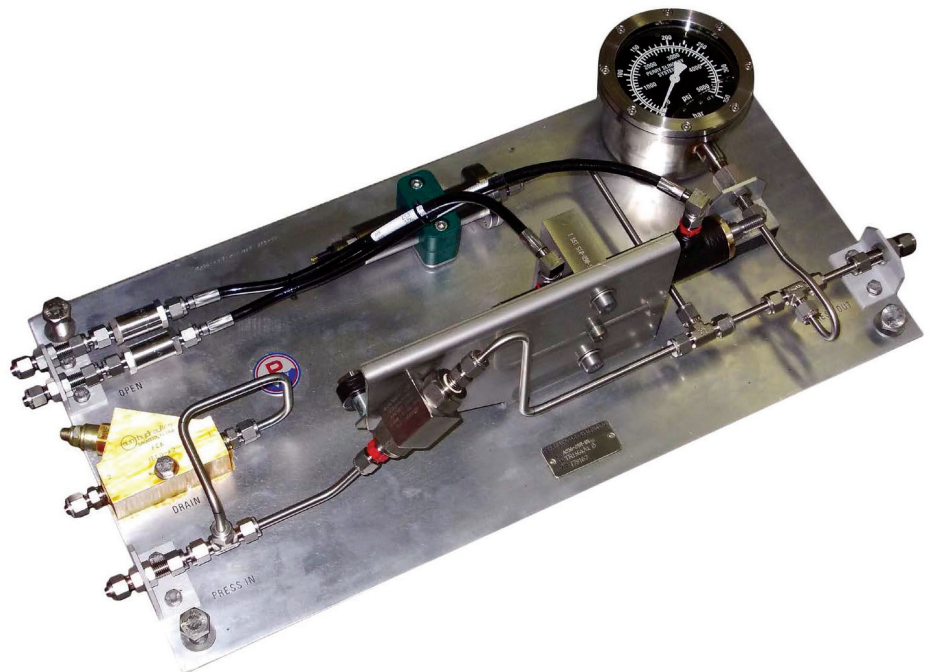
Pressure testing operations

#### Features

Manual pressure relief valve  
Ram operated ball valve with reducing jet  
Depth compensated pressure gauge  
Electronic pressure transducer  
Aluminium mounting plate  
690bar / 10,000psi option available

#### In the box

Back seal test unit  
Analogue gauge  
Electrical cable for special TTCS  
Operations and maintenance manual



# Back Seal Test Unit

## Specifications

Hydraulic input pressure	210bar / 3045psi
Hydraulic input flow	15lpm / 3.9gpm
Hydraulic output pressure	7-210bar / 101.5-3045psi (adjustable)
Electrical output	4-20mA
Electrical connector	Sub conn MCBH6M

