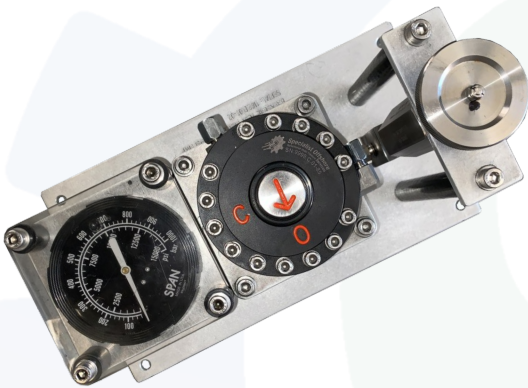




**Seadraulics**  
Subsea Fluid Mechanics

## BACK SEAL TEST PANEL 15000 PSI



### FEATURES

- Test pressure input up to 15000 psi
- Actuator operation by 200 bar solenoid function
- Customizable gauge or subsea logger depending on accuracy requirements
- Calibration to NATA available
- Measures 470 x 230 x 120 mm<sup>3</sup>, weight 8 kg
- Various pumps available for test connection. LP Pumps, HP Pumps – 90, 220, 420, 520 bar

### DATA LOGGER / GAUGE OPTIONS

- Subsea digital
- Display & data



### DESCRIPTION

The Seadraulics Back Seal Test panel is designed to allow controllable safe pressure testing across a wide range of pressures. 10 - 15000 psi. Test pressure supplied to the input is limited by the pressure set at the relief. Only industry leading relief valves are used, ensuring peace of mind and confidence of repeatability.

Accuracy requirements will dictate relief valve chosen. The relief can be manually adjusted on deck prior to subsea deployment. Relief valves are available covering the range 10 - 15000 psi.

Gauges can be chosen to suit the pressure test. This ensures monitoring can be completed easily and accurately.

To further compliment monitoring and reporting, the Seadraulics Subsea Data Logger can be attached either in place of the gauge, or in parallel. The Data Logger has a subsea digital display so single psi changes can be monitored. All results are logged in memory or can be connected to the ROV via RS232 / RS485 for surface monitoring or overlay display.

A Seadraulics hydraulic quarter turn actuator controls a ball valve allowing pressure to be locked in the output line during testing. A compact unit which attaches to any type of hydraulic ROV and using standard ROV solenoids. The ball valve is typically a trunnion seal arrangement type which have shown the best results for leakage across the valve, which is critical in pressure tests. Clients can specify the valve manufacturer on purchase; typical valves used are Autoclave, Swagelok IPT, and Fitok 15k/20k PSI models.



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# Back Seal Test Panel 15000 psi

## RELIEF VALVE OPTIONS

Pressure [ psi ]	Pressure [ bar ]
50 - 350	3.4 - 24.1
350 - 750	24.1 - 51.7
750 - 1500	51.7 - 103
1500 - 2250	103 - 155
2250 - 3000	155 - 206
3000 - 4000	206 - 275
4000 - 5000	275 - 344
5000 - 6000	344 - 413

## RELATED ITEMS

Double block and bleed panel

