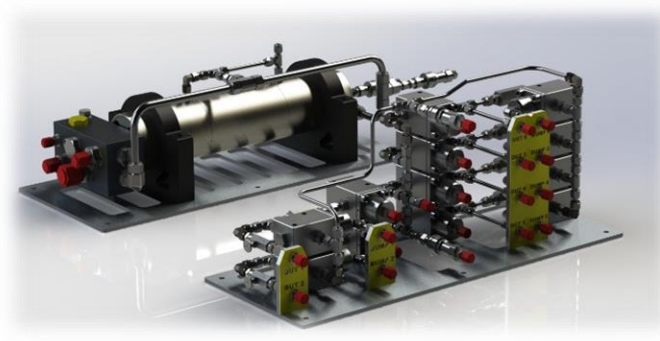


RQ-043 - 10,000 PSI Fully Proportional Injection System



Key Features:

- Full proportional pressure control.
- Adaptable – can control multiple outputs.
- Robust design.
- Different pressure and flow options available.

WHATS INCLUDED

10,000 psi FPIS (3 Panels).
 Subsea Gauges to monitor; system, Output A and Output B pressures.
 Operational hoses.
 Operations Manual.
 Certificate Pack.

OPTIONS

Spares Kit.
 Fluid Reservoirs.
 Alternative Ratio Pumps.

Description

The 10,000psi Fully Proportional Injection System (FPIS) has been designed specifically for pressure testing applications on subsea manifolds.

The 6-Output Station is a fully isolated media pumping unit which allows the user to be able to supply a separate media at varying flows up to 8.7 l/min and varying pressures from 0-10,000 psi (690 bar).

It gives the user the ability to proportionally adjust the pressure and verify it before selecting one of the 6 outputs to send it to.

With the valve selected, the line will be pressurised to the correct pressure. Pressure will then be locked in by the check valves until depressurisation valve is activated.

The IHPU 6-Output Station also gives the ability to supply 6 different pressures locked in at the same time.

The system is ideal for subsea pressure testing, valve actuation, cylinder actuation etc.

The system is connected directly in to ROV proportional output valves which are standard on most ROV systems.

The IHPU 6-Output Station has an adjustable Low Pressure (LP) function, where you can pilot the LP side and restrict pressure to complete IHPU 6-Output Station to pressures as little as 50 psi (3.5 bar) – 350 psi (24 bar). IHPU 6-Output Station can pump all glycols, seawater and mineral oil and methanol.

The reservoir port can be connected to any type of subsea compensator, whether it be a passively compensated reservoir or positive compensator

The pump can be connected to any subsea reservoir by the suction port (12 JIC).

We can supply various sizes of soft reservoir and piston reservoir with an electronic readout depending on requirements.

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 system, Output A and Output B
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Overall Specifications	
Weight in Air	Panel A: 36.6 Kg Panel B: 34 Kg Panel C: 29 Kg
Dimensions	Panel A: L630 x W250 x H210mm Panel B: L640 x W250 X H260mm Panel C: L600 x W370 x H260mm
Suitable Media	Seawater, Glycol, Hydraulic Oil, Methanol
Input / Outputs	
Max Input Pressure	210 Bar (3,000 PSI)
Max Input Flow	0-40 L/min
Max Output Pressure	690 Bar (10,000 PSI)
Max Output Flow	8.7 L/min
Hydraulic Connections	
Pressure	8 JIC
Return	8 JIC
Outputs	12 JIC
Pilots	4 JIC
Gauge Points	4 JIC