

OSC024-FTSPP — HYDRAULIC HOSES TEST BENCH FOR FLUSHING, LEAK PROOF, BURST AND IMPULSE



This innovative bench is intended for small and medium sized fitting centers as it is able to solve all the problems typical for testing and cleaning of the tubes.

- ◆ Flushing;
- ◆ Leak proof up to 500 bar on a manifold with quick connect (depending on the terminal of the test tube);
- ◆ Integrated cycles of flushing and leak testing up to 500 bar;
- ◆ Leak proof and burst, more than 200 MPa (2000 bar);
- ◆ Pressure impulse tests

FLUIDS LIFE TIME EXTENSION

LIFE INCREASE OF PARTS AND EQUIPEMENT

REDUCING DOWNTIME AND MAINTENANCE COST

CONTAMINATION MANAGEMENT OF SISTEMS & FLUIDS

FLUIDS MONITORING & LABORATORY ANALYSIS

SERVICES

Technical Support
Installation and Setup
Checking & Maintenance
Hardware Support

Integrated cycles of flushing and leak testing

- ◆ Flushing, over 200 l / min flow rate to allow for the most demanding cleaning of the tubes you could want, a mobile station, adjustable and independent and a sophisticated *off-line and on-line* filtering system.

The locking of the tube on the workstation is with cones with pneumatic control, this system allows you to make extremely fast testing operations, in some cases you will need to use an adapter, however, threaded to replace the quick connect. The flushing cycle set, to get the peak efficiency output, is structured as follows:

- ◆ Flow of cleaning clockwise;
- ◆ Flow of cleaning counterclockwise;
- ◆ Repeatability of the cycle;
- ◆ Blow pneumatic emptying;
- ◆ Leak proof with maximum 50 MPa.



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CONTAMINATION MANAGEMENT OF SYSTEMS & FLUIDS

FLUIDS MONITORING & LABORATORY ANALYSIS

SERVICES

*Technical Support
Installation and Setup
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Hardware Support*

Leak proof and burst, over 200 MPa (2000 bar) to satisfy a wide range of needs.

To allow for optimum performance of the tests the output end side is free and controlled by a electropneumatic control valve for high pressure. The test tubes are connected using threaded adapters or stainless steel quick couplers on the manifold with 6 connections each. A transducer for high pressure controls the parameters of the test.

Pulse Test with setting of the pressure intervals.

This bench allows you to perform pulse pressure cycle with the possibility to set the pressure values, time under pressure and the discharge time. The quality of the components and materials used is a guarantee of reliability.

MAIN FEATURES

- ◆ Fluid system including stainless steel tank, pump for off-line with its filter, pump over 200lt/min and its flushing filter, pressure multiplier, various valves for circuits with medium and high pressure, hydraulic system with proportional valves for pressure control.
- ◆ The use of a multiplier fluid / fluid gives great advantage of precision in the adjustment of the pressures (ratio 1:10), quiet operation and reliability in time.
- ◆ Possibility to use different low-viscosity fluid (2/3 cSt) or water (optional).
- ◆ Test cycles, both for flushing and for leak proof/burst/pulse, can be set using the settings on a PC equipped with a "touch-screen" LCD, membrane keyboard with integrated mouse and printer for reports and graphs of the tests performed.
- ◆ System including device for remote support and to enable on-line updates and changes.

TECHNICAL DATA (STANDARD VERSION)

	FLUSHING	LEAK/BURST
Power	7,5 KW	9 KW
Max pump flow rate	200 lt/min	
Max pump pressure	16 bar	500/2000 bar
In test pipes	1	1
PC + report	SI	
Size	2500 x 1250 x 1900	
Optional :		
◆ Filtration system personalized to the needs of the customer;		
◆ Special fluids according to the specific needs of the customer.		

