



Pars Asia Fluid ENGINEERING

member of



Society of Iranian
Petroleum Industry
Equipment Manufacturers
S.I.P.I.E.M



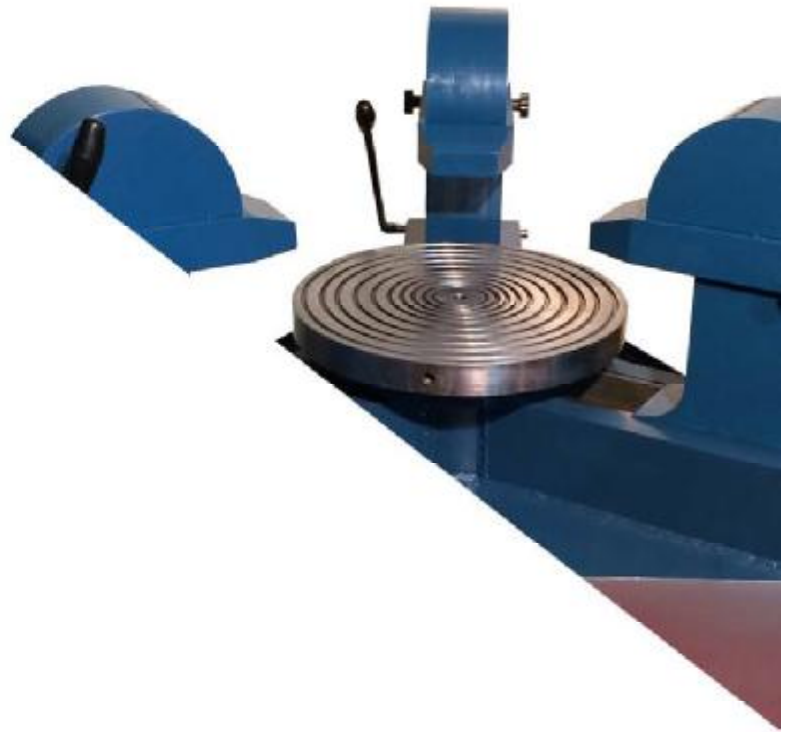
An aerial photograph of an offshore oil rig. The rig is a complex of metal structures, including a tall derrick and various platforms. A large helipad with a yellow border and a white 'H' is visible on the left side. The rig is situated in the middle of a dark blue sea.

Introduction

Pars Asia Fluid Engineering is a reliable and reputable manufacturer of Test, High Pressure and Hydraulic Equipment in Iran. Our equipment, especially our Valve Test Bench, is in operation for years in most Oil, Gas and Petrochemical companies.

We are a member of SIPIEM (Society of Iran Petroleum Industry Equipment Manufacturers) and have been certified by Ministry of Industry, Mine and Trade as a licensed engineering company in the field of Machinery & Equipment Manufacturing .

Our products include Pressure Safety Valves (PSV) Test Bench, Shut- Off Valves Test Bench Control Valves Test Bench, BOP Valves Test Bench, Multi-Station Valve Test Bench, Hydrostatic Test Unit, Pressure Test Shop, Hose Test Bench, Actuator Test Bench, Laser Bubble Counter, Computerized Data Acquisition & Repairing System, Volumetric Expansion Test Unit, Hydraulic Power Unit, Well head Control Panel and ESD Unit.



PSV Test Bench

Valve Test Bench to do Pop and Seat Tightness tests according to API 527 and API 576 for all Kind of Pressure Relief / Safety Valves.

- Test Media: Gas, Air, Water, Oil
- Test Pressure: -800 mBar up to +4000 Bar
- Hydraulic Clamping for Valve size: 1/2 up to 24 Inch
- For RF & RTJ Flange type and Threaded Valves
- Option: Laser Bubble Counter
- Option: Safety Interlock System
- Option: Computerized Data Acquisition & Reporting System
- Option: Automatic Test Bench



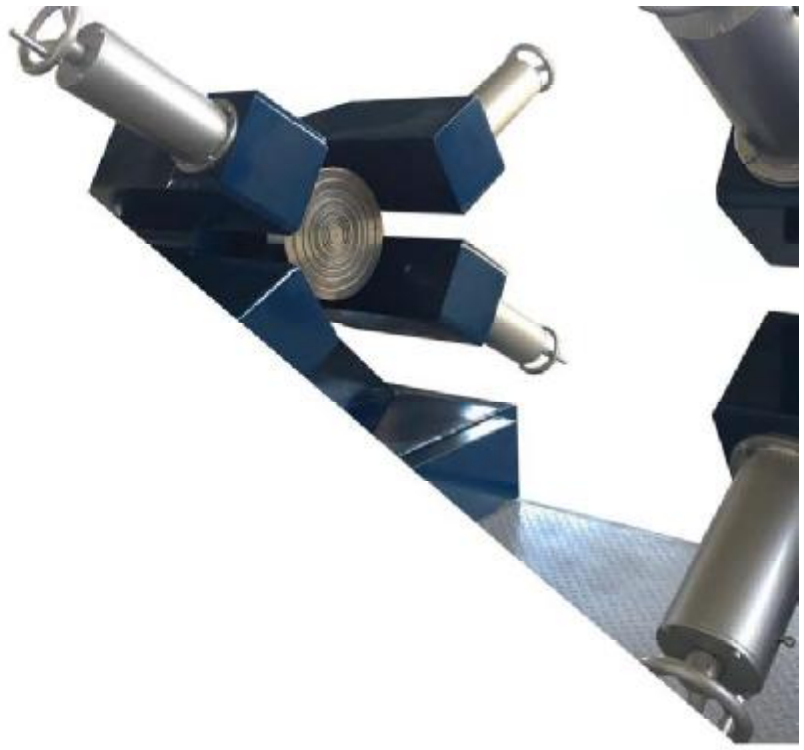


Shut-off Valves Test Bench

Valve Test Bench to do Shell and Seat Leakage Test according to API 598 for all kind of Gate, Globe, Ball, Plug, and Butterfly & Slide Valves.

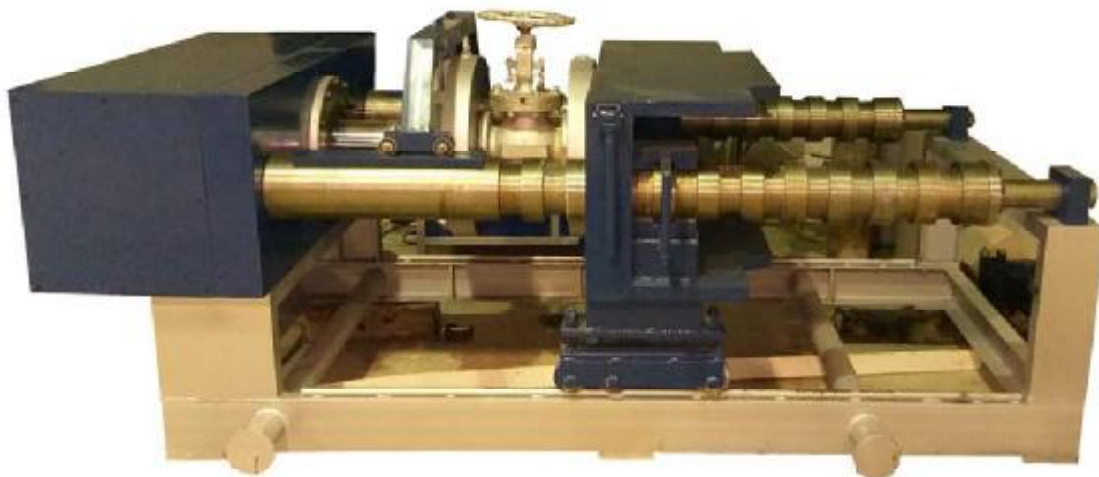
- Test Media: Gas, Air, Water, Oil
- Test Pressure: -800 mBar up to +4000 Bar
- Hydraulic Clamping for Valve Size: 1/2 up to 56 Inch.
- For RF & RTJ Flange type, Threaded, Bottom Weld & Socket Weld Valves.
- Option: Digital Leak Measuring Device
- Option: Proportional Clamping System
- Option: Safety Interlock System
- Option: Computerized Data Acquisition & Reporting System
- Option: Automatic Test Bench





Customized Valve Test Bench

Especially designed Valve Test Benches to test different kind of valves like Control Valves according to ANSI/ISA75.25.01, ANSI/ISA75.02.01, ANSI/ISA75.19.01, ANSI/FCI70.2, BOP Valves and also different kind of test methodes & standards.





Computerized And Automatic Features

These features can be added to Valve Test Bench to make test procedure and measurement automatic and computerized.

Some of these features are as follow:

- Computerized Data Acquisition And Reporting System
- Laser Bubble and Drop Counter
- Automatic Proportional System to increase clamping force automatically while monitoring test pressure increase
- Automatic Safety Interlock System to prevent release of clamping force before releasing test pressure





Hydraulic Power Unit

From Small Portable Unit To Tong Wrench Hydraulic Power Unit with different power sources like Air, Electric Or Diesel.





Portable Test Unit

Able To make pressure by Water/Oil up to 4000 Bar. Options like Chart Recorder can be added to the unit.

Gas Booster Unit

Able To make pressure by Gas/Air up to 2000 Bar. Options like Chart Recorder can be added to the unit.



TEST, HIGH PRESSURE & HYDRAULIC EQUIPMENT



Pars Asia Fluid
ENGINEERING

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