Computer controlled high pressure test equipment



controlled high pressure test equipment

Feather:

AIR-DRIVEN HIGH-PRESSURE HIGH-FLOW PUMP UNITS

- § Pressure range up to 5700 bar / 80,000 psi
- § Flow up to 50 L/min per pump
- § Suitable for water, oil and a wide range of chemicals
- § Provided with one or more FST air-driven pump(s)
- § Low noise level even at high cycling speed
- § computer controlled
- § Provided with air-actuated valves
- § Proven reliability under severe conditions
- § Suitable for direct water feed or provided with stainless steel reservoir

§ Numerous options available such as forklift pockets, wheels, reservoir, lid and engraved panel

AIR-DRIVEN GAS BOOSTER WORKSHOP UNITS

- § Pressure range up to 1250 bar / 18,000 psi
- § Suitable for Air, Nitrogen, Argon, Helium and a wide range of other gases
- § One, two or three stage systems built up with air-driven FST gas booster(s)

§ Low noise level

- § computer controlled
- § Provided with air-actuated valves
- § Option: hydraulically driven

§ Numerous options available such as forklift pockets, wheels, reservoir, lid and engraved panel

Applications:

- § Wellhead control units
- § Hydraulic test units
- § Gas test units
- § Chemical injection units
- § Valves, fittings, tubing according to NACE
- § Autofrettage equipment
- § Gas booster systems for airbag industry
- § Intensifiers for hydroforming
- § Special valve test equipment
- § Camshaft production equipment
- § Bolt tensioning equipment

Description:

F4000 test benches are designed for durability, ease of use and accessibility. These test benches can be equipped for use with oil, water, air, gas or any combination of test medium. The same test bench could be set up for hydrostatic testing with water and/or leak testing with gas.

F4000 test benches can be provided with manual control or push button control to handle your specific application.

All test benches are provided with an 8-gallon stainless steel reservoir, air controls, valves and gauge for manual operation. For a push button control system, you do not need to specify the remote control options nor gauge contact ring as they would be automatically included. The pressure transducer would still be an option for system control, pressure recorder connection or computer interface.

Test chambers can be included and can be horizontal or vertical. When specifying a test bench that is to include a test chamber with a windowed door, please specify the required chamber size.

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