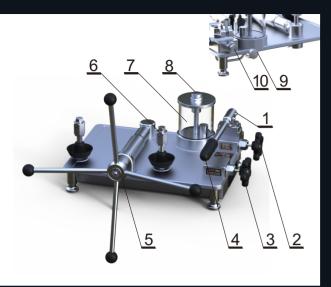
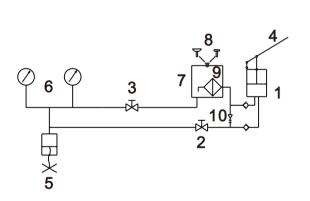
### Views and Hydraulic Schematic





- 1 Pre-pressure pump
- 2 Isolation valve
- 3 Vent valve
- 4 Pre-pressure pump handle
- 5 High-pressure and fine adjustment handle
- 6 Connection port
- 7 Reservoir
- 8 Reservoir cover vent valve
- 9 Liquid drain valve
- 10 Safety valve (do not open)

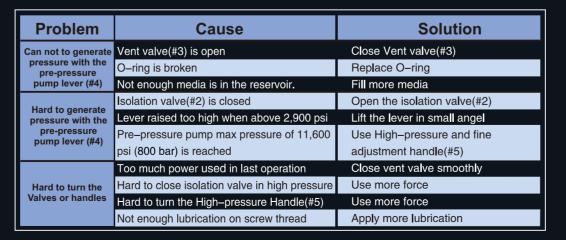
## Warnings and cautions

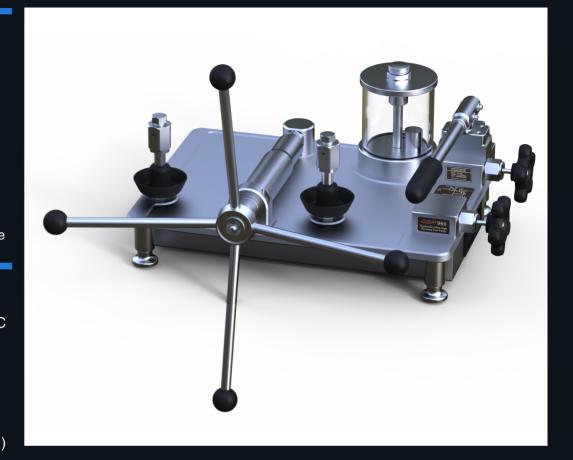
- Operate the pump in the rated pressure range of 60,000 psi (4,200 bar) and do not exceed the safety pressure of 65,000 psi (4,500 bar).
- > Close all valves and handles and tighten the ports when transporting the pump.
- > Always keep the reservoir cover vent valve (#8) open during operation.
- Change media immediately if it is contaminated.
- > Keep media level between 1/4 and 3/4 of the liquid reservoir filled.
- > Keep the connection threads clean and remove any particles or dirt on the threads.
- > Do not over tighten the valves, connectors and handles to avoid damage.
- > Do not use the pre-pressure pump to generate more than 11,600psi (800 bar)
- > Additel corporation is not liable for any safety problems or damages caused by misuse or incorrect operation.

## **Specification**

- > Pressure range: 0 to 60,000 psi (4,200 bar) positive pressure
- > Temperature: (0 ~ 50) ℃ Storage temperature:  $(-25 \sim 70)$  °C
- > Humidity range: < 95%
- > Adjustment resolution: 0.015 psi (1 mbar)
- > Safety pressure: < 65,000 psi (4,500 bar)
- Pressure media: Diethylhexyl Sebacate(C26H50O4)
- Reservoir capacity: 420 ml (25.6 in<sup>3</sup>)
- > Size: Height: 7.9" ( 200 mm ) Base: 17.9" ( 455 mm ) x 15.9" ( 405 mm )
- > Weight: 33.1 lb (15 kg) without media
- > Material: SS, aluminum, copper, Buna-N
  - Remark: Please drain the liquid in transportation.

# **Troubleshooting**



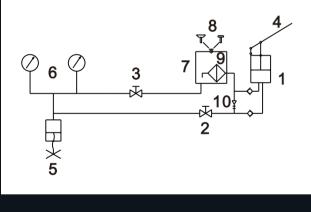




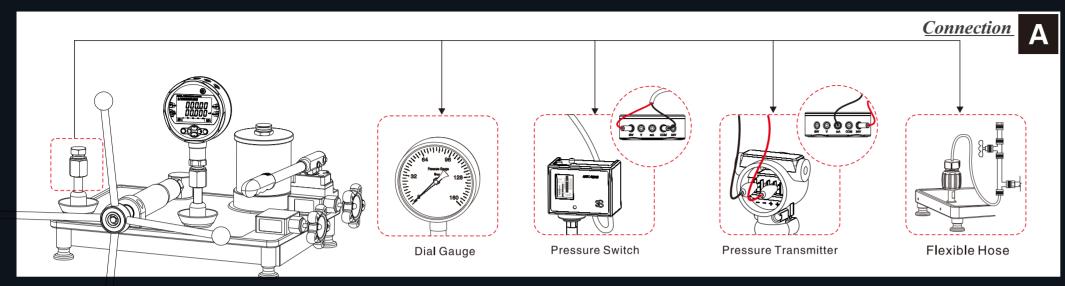
Hydraulic Ultra-High Pressure Test Pump User's Manual

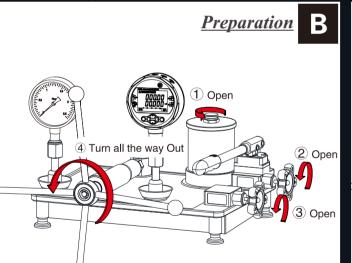
[Version number:1811V02] Please download the latest version from www.additel.com

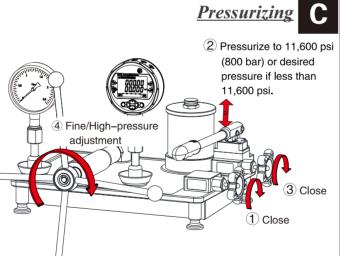


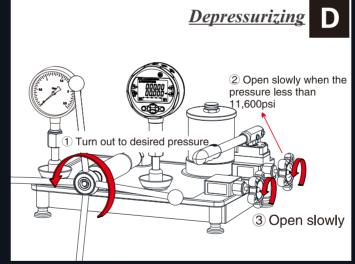


# **Basic Operation**

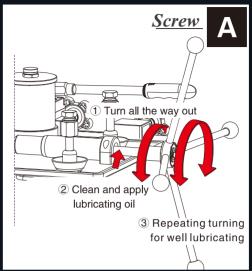


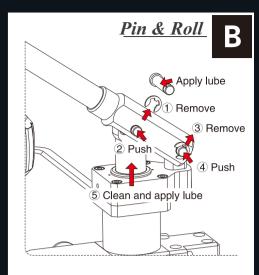


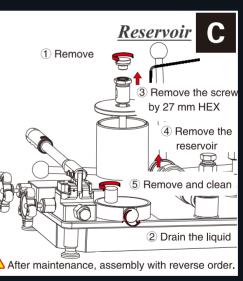




# Maintenance







#### Remark:

A: Addited has made a concerted effort to provide complete and current information for the proper use of the equipment. The product specifications and other information contained this manual are subject to change without notice. B: Above pictures are just for reference.